

## BIO FLOW

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Bio Flow  
**Product Code:** A0252  
**Recommended Use:** Drain and Grease Trap Treatment

**Company**

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

**Emergency Telephone Numbers**

**MEDICAL:** 1-866-923-4946 (PROSAR) **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

**OSHA Hazard Classification**

While this material is not classified as hazardous under OSHA regulations, this SDS contains information regarding the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	92.0 – 97.0
Bacteria Culture	7732-18-5, 56-81-5, 64-02-8, 2634-33-5	3.0 – 8.0
Dye	587-98-4	<1.0
Dye	Proprietary	<1.0

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, call a poison center if you feel unwell. Rinse mouth.  
**Skin Contact:** If on skin, wash with plenty of water. If skin irritation occurs, get medical advice.  
**Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam  
**Specific Hazards:** None known

**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.

**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.

**Cleanup Procedures:** Absorb with non-combustible material; transfer to containers for later disposal.

## 7. HANDLING AND STORAGE

**Handling Precautions:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.

**Appropriate Engineering Controls:** Good general ventilation should be sufficient.

**Personal Protective Equipment**

**Eye Protection:** Wear protective glasses, goggles or eye shield.

**Skin Protection:** Wear impervious protective gloves and apron.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Blue-green hazy liquid

**Odor:**

No information available

**pH:**

No information available

**Specific Gravity:**

0.99 – 1.01 g/ml

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

None detected

**Viscosity:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under normal conditions
<b>Hazardous Polymerization:</b>	Will not occur
<b>Incompatibility:</b>	Acids
<b>Hazardous Decomposition Products:</b>	Carbon, hydrogen and sulfur

**11. TOXICOLOGY INFORMATION**

<b>Likely Routes of Exposure:</b>	Inhalation, eye and skin contact
<b>Acute Symptoms</b>	
<b>Eye and Skin Contact:</b>	None known.
<b>Ingestion:</b>	None known.
<b>Inhalation:</b>	None known.
<b>Chronic Effects:</b>	None known

**12. ECOLOGICAL INFORMATION**

When used for its intended purpose this product should not cause adverse effects in the environment.

**13. DISPOSAL CONSIDERATIONS**

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

**14. TRANSPORT INFORMATION**

<b>UN Number:</b>	Not classified
<b>Proper Shipping Name:</b>	Not classified
<b>Hazard Class:</b>	Not classified
<b>Packing Group:</b>	Not classified

**15. REGULATORY INFORMATION**

This product does not contain components subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA.

**California Cleaning Product Right to Know Act of 2017 (SB 258)**

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Bacteria Culture	7732-18-5, 56-81-5, 64-02-8, 2634-33-5	Cleaning enhancer
Dye	587-98-4	Colorant
Dye	Proprietary	Colorant

**16.OTHER INFORMATION**

**Revision Date:** 09/19/18

**Supersedes:** 06/07/16

**Revisions:** CAS numbers updated in Section 3

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## CITRU KLEEN

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Citru Kleen  
**Product Code:** A0679  
**Recommended Use:** Concentrated Multi-Purpose Citrus Cleaner

**Company**

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

**Emergency Telephone Numbers**

**MEDICAL:** 1-866-923-4946 (PROSAR) **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

**GHS Hazard Classification**

**Signal Word:** WARNING  
**Acute Toxicity:** Category 4  
**Skin Corrosion:** Category 2  
**Eye Irritation:** Category 2



**HAZARD STATEMENTS**

H302: Harmful if swallowed  
 H312: Harmful in contact with skin  
 H315: Causes skin irritation  
 H320: Causes eye irritation

**PRECAUTIONARY STATEMENTS**

P264: Wash hands thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	80.0 – 86.0
Sodium Lauryl Ether Sulfate	68585-34-2	10.0 – 12.0
Dodecyldimethylamine Oxide	1643-20-5	1.0 – 5.0
Citrus Terpenes	5989-27-5	1.0 – 3.0
Sodium Carbonate	497-19-8	1.0 – 3.0
Amphoteric Surfactant	Proprietary	< 1.0

#### 4. FIRST AID MEASURES

- Ingestion:** If swallowed, call a poison center if you feel unwell. Rinse mouth.
- Skin Contact:** If on skin, wash with plenty of water. If skin irritation occurs, get medical advice. Take off contaminated clothing and wash it before reuse.
- Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

#### 5. FIREFIGHTING MEASURES

- Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam
- Specific Hazards:** None known
- Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.
- Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.
- Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

- Handling Precautions:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.
- Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure Limits:** No occupational exposure limits established for this product.
- Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.
- Personal Protective Equipment**
- Eye Protection:** Wear protective glasses, goggles or eye shield.
- Skin Protection:** Wear protective gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Clear yellow liquid

**Odor:**

Citrus odor

**pH:**

10.3 – 10.8

**Specific Gravity:**

1.0- 1.4 g/mL

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

No information available

**Odor Threshold:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** Oxides of carbon or nitrogen

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms****Eye and Skin Contact:**

May cause eye and skin irritation.

**Ingestion:**

May be harmful if swallowed.

**Inhalation:**

None known.

**Chronic Effects:**

None known

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

**13.DISPOSAL CONSIDERATIONS**

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

**14.TRANSPORT INFORMATION**

**UN Number:** Not classified  
**Proper Shipping Name:** Not classified  
**Hazard Class:** Not classified  
**Packing Group:** Not classified

**15.REGULATORY INFORMATION**

This product does not contain components subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA.

**California Cleaning Product Right to Know Act of 2017 (SB 258)**

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Sodium Lauryl Ether Sulfate	68585-34-2	Surfactant
Dodecyldimethylamine Oxide	1643-20-5	Surfactant
Citrus Terpenes	5989-27-5	Solvent
Sodium Carbonate	497-19-8	Builder
Amphoteric Surfactant	Proprietary	Surfactant
1,4 dioxane	123-91-1	Non-functional constituent

**California Prop 65**

**WARNING:** This product may contain chemicals, including 1,4 dioxane, which are known to the state of California to cause cancer and/or birth defects. For more information, go to [P65warnings.ca.gov](http://P65warnings.ca.gov)



**16.OTHER INFORMATION**

**Revision Date:** 06/19/20  
**Supersedes:** 01/10/20  
**Reason for Revision:** Updated per California SB 2563

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** DC 33  
**Product Code:** A0151  
**Recommended Use:** Disinfectant/Detergent Cleaner

**Company**

Auto-Chlor System  
746 Poplar Avenue  
Memphis, TN 38105  
Questions/Comments: 901-579-2300

**Emergency Telephone Numbers****MEDICAL:** 1-866-923-4946 (PROSAR)**SPILLS:** 1-800-424-9300 (CHEMTREC)**2. HAZARDS IDENTIFICATION****GHS Hazard Classification****Signal Word:** DANGER**Acute Toxicity:** Category 4 (oral)**Acute Toxicity:** Category 4 (dermal)**Skin Corrosion:** Category 1B**Eye Irritation:** Category 1**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye  
H302: Harmful if swallowed  
H312: Harmful in contact with skin

**PRECAUTIONARY STATEMENTS**

P260: Do not breathe mist/vapors or spray  
P264: Wash hands thoroughly after handling  
P280: Wear eye protection and protective gloves  
P301-306: See Section 4 for information  
P405: Store locked up  
P501: Dispose of contents and container in  
accordance with local, state and federal  
regulations  
P301/312: If swallowed, call a poison  
center/doctor  
if you feel unwell.  
P330: Rinse mouth.  
P302/P352: If on skin, wash with plenty soap and  
water.  
P362/P364: Take off contaminated clothing and  
wash it before reuse.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION*
n-alkyl dimethyl benzyl ammonium chloride	68931-01-5	1 – 5
n-alkyl dimethyl ethylbenzyl ammonium chloride	68956-79-6	1 - 5
Sodium Carbonate	497-19-5	1 - 5
Tetrasodium ethylenediaminetetraacetate	64-02-8	1 – 5
Fragrance	Mixture	<1.0

\* Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.

**IF ON SKIN:** Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center if you feel unwell.

### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam

**Specific Hazards:** None known

**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.

**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.

**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

### 7. HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Wash thoroughly after handling and before eating. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

**Storage:** Protect from freezing. Store locked up. Keep tightly closed in a dry, cool and well ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational Exposure Limits:</b>	No occupational exposure limits established for this product.
<b>Appropriate Engineering Controls:</b>	Good general ventilation should be sufficient to control airborne levels.
<b>Personal Protective Equipment</b>	
<b>Eye Protection:</b>	Wear protective glasses, goggles or eye shield.
<b>Skin Protection:</b>	Wear impervious protective clothing, including gloves and apron.
<b>Respiratory Protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Clear yellow liquid	<b>Evaporation Rate:</b> No information available
<b>Odor:</b> Citrus fragrance	<b>Vapor Density:</b> No information available
<b>pH:</b> 11.7	<b>Vapor Pressure:</b> No information available
<b>Specific Gravity:</b> 1.038 g/ml	<b>Partition Coefficient:</b> No information available
<b>Solubility:</b> Soluble in water	<b>Auto-Ignition Temperature:</b> No information available
<b>Flash Point:</b> >200°F	<b>Decomposition Temperature:</b> No information available
<b>Boiling Point:</b> 212°F	<b>Melting/Freezing Point:</b> No information available
<b>Viscosity:</b> No information available	<b>Flammability:</b> No information available
<b>Odor Threshold:</b> No information available	<b>Lower Explosive / Upper Explosive:</b> No information available

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions
<b>Hazardous Polymerization:</b>	Not expected to occur with normal handling and storage
<b>Incompatibility:</b>	Strong oxidizing agents and strong acids
<b>Hazardous Decomposition Products:</b>	May include carbon monoxide, carbon dioxide and nitrogen oxides

## 11. TOXICOLOGY INFORMATION

<b>Likely Routes of Exposure:</b>	Inhalation, ingestion, eye and skin contact
<b>Acute Symptoms</b>	

<b>Eye and Skin Contact:</b>	Corrosive. May cause severe burns.
<b>Ingestion:</b>	Corrosive. May cause burns to mouth, throat and stomach.
<b>Inhalation:</b>	May cause irritation and corrosive effects to nose, throat and respiratory tract.
<b>Chronic Effects:</b>	None known

## 12.ECOLOGICAL INFORMATION

This product is toxic to fish and aquatic invertebrates.

## 13.DISPOSAL CONSIDERATIONS

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

## 14.TRANSPORT INFORMATION

<b>UN Number:</b>	Not classified
<b>Proper Shipping Name:</b>	Not classified
<b>Hazard Class:</b>	Not classified
<b>Packing Group:</b>	Not classified

## 15.REGULATORY INFORMATION

**EPA REGISTRATION NUMBER:** 1839-95-6243

### EPA Statement

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use, pesticide storage and container handling. Following is the hazard information as required on the pesticide label:

**DANGER. KEEP OUT OF REACH OF CHILDREN. CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**California Cleaning Product Right to Know Act of 2017 (SB 258)**

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
n-alkyl dimethyl benzyl ammonium chloride	68931-01-5	Antimicrobial
n-alkyl dimethyl ethylbenzyl ammonium chloride	68956-79-6	Antimicrobial
Sodium Carbonate	497-19-5	Builder
Tetrasodium ethylenediaminetetraacetate	64-02-8	Chelant
Fragrance*	Mixture	Fragrance

\*Contains the following fragrance allergens:

FRAGRANCE ALLERGEN	CAS NO.	PERCENTAGE
<i>d</i> -Limonene	5989-27-5	0.04%
Citral	5392-40-5	0.01%

## 16. OTHER INFORMATION

**Revision Date:** 01/10/20  
**Supersedes:** 08/21/18  
**Reason for Revision:** Updated Section 15

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## ENVIRO PAN

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Enviro Pan  
**Product Code:** A0605  
**Recommended Use:** Eco Friendly High Performance Detergent

**Company**

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

**Emergency Telephone Numbers**

**MEDICAL:** 1-866-923-4946 (PROSAR) **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

**GHS Hazard Classification**

**Signal Word:** WARNING  
**Acute Toxicity:** Category 4  
**Skin Corrosion:** Category 2  
**Eye Irritation:** Category 2



**HAZARD STATEMENTS**

H302: Harmful if swallowed  
 H312: Harmful in contact with skin  
 H315: Causes skin irritation  
 H320: Causes eye irritation

**PRECAUTIONARY STATEMENTS**

P264: Wash hands thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	70.0 – 75.0
Sodium Lauryl Ether Sulfate	68585-34-2	5.0 – 10.0
Glycerin	56-81-5	1.0 – 5.0
Surfactant Blend	Mixture	1.0 – 5.0
Lauramine Oxide	1643-20-5	1.0 – 5.0
Propylene Glycol	57-55-6	1.0 – 5.0
Sodium Chloride	7647-14-5	1.0 – 5.0
Ethoxlyated alcohol	68551-12-2	< 1.0
Citrus Terpenes	5989-27-5	< 1.0
Preservative	55965-84-9	< 1.0
Citric Acid	77-92-9	< 1.0

#### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, call a poison center if you feel unwell. Rinse mouth.  
**Skin Contact:** If on skin, wash with plenty of water. If skin irritation occurs, get medical advice. Take off contaminated clothing and wash it before reuse.  
**Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

#### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam  
**Specific Hazards:** None known  
**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.  
**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.  
**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

**Handling Precautions:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.  
**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.  
**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.  
**Personal Protective Equipment**  
**Eye Protection:** Wear protective glasses, goggles or eye shield.  
**Skin Protection:** Wear protective gloves.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Clear light yellow liquid

**Odor:**

Citrus odor

**pH:**

7.5 – 8.5

**Specific Gravity:**

1.024 – 1.064 g/mL

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

No information available

**Odor Threshold:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:**

None reasonably foreseeable

## 11. TOXICOLOGY INFORMATION

The product itself has not been tested. Information given is based on data obtained from components of the mixture. The acute toxicity estimates are:

**Oral LD<sub>50</sub>**

>5000 mg/kg

**Dermal LD<sub>50</sub>**

>5000 mg/kg

**Inhalation LC<sub>50</sub>**

10.51 mg/l

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms**

**Eye and Skin Contact:**

May cause eye and skin irritation.

**Ingestion:**

May be harmful if swallowed.

**Inhalation:**

None known.

**Chronic Effects:**

None known

## 12.ECOLOGICAL INFORMATION

The ecological evaluation of this product is based on data from the components of the mixture. The acute toxicity estimate:

**Fish LC<sub>50</sub>:** 12.26 mg/l

When used for its intended purpose this product should not cause adverse effects in the environment.

## 13.DISPOSAL CONSIDERATIONS

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

## 14.TRANSPORT INFORMATION

**UN Number:** Not classified

**Proper Shipping Name:** Not classified

**Hazard Class:** Not classified

**Packing Group:** Not classified

## 15.REGULATORY INFORMATION

This product does not contain components subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA.

### California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Sodium Lauryl Ether Sulfate	68585-34-2	Surfactant
Glycerin	56-81-5	Solvent
Surfactant Blend	Mixture	Surfactant
Lauramine Oxide	1643-20-5	Surfactant
Propylene Glycol	57-55-6	Solvent
Sodium Chloride	7647-14-5	Thickener
Ethoxlyated alcohol	68551-12-2	Surfactant
Citrus Terpenes	5989-27-5	Solvent
Preservative	55965-84-9	Preservative
Citric Acid	77-92-9	pH Adjuster
1,4 dioxane	123-91-1	Non-functional constituent

## California Prop 65



**WARNING:** This product may contain chemicals, including 1,4 dioxane, which are known to the state of California to cause cancer and/or birth defects. For more information, go to [P65warnings.ca.gov](http://P65warnings.ca.gov)

**16.OTHER INFORMATION**

**Revision Date:** 06/19/20  
**Supersedes:** 01/01/20  
**Reason for Revision:** Updated per California SB 2563

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** GK-2  
**Product Code:** A0671  
**Recommended Use:** Hard Surface and Glass Cleaner

#### Company

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

#### Emergency Telephone Numbers

**MEDICAL:** 1-866-923-4946 (PROSAR)

**SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

#### GHS Hazard Classification

**Signal Word:** WARNING  
**Acute Toxicity:** Category 4  
**Skin Corrosion:** Category 2  
**Eye Irritation:** Category 2



#### HAZARD STATEMENTS

H302: Harmful if swallowed  
 H312: Harmful in contact with skin  
 H315: Causes skin irritation  
 H320: Causes eye irritation

#### PRECAUTIONARY STATEMENTS

P264: Wash hands thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	78.0 – 83.0
Alkoxylated Alcohols	27252-75-1	5.0 – 10.0
Amphoteric Surfactant	Proprietary	5.0 – 10.0
Isopropanol	67-63-0	1.0 – 5.0
Alcohols, C12-18, Ethoxylated	68213-23-0	1.0 – 5.0
Methylglycinediacetic acid, trisodium salt	164462-16-2	1.0 – 5.0
Dye	3844-45-9	< 1.0

#### 4. FIRST AID MEASURES

- Ingestion:** If swallowed, call a poison center if you feel unwell. Rinse mouth.
- Skin Contact:** If on skin, wash with plenty of water. If skin irritation occurs, get medical advice. Take off contaminated clothing and wash it before reuse.
- Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

#### 5. FIREFIGHTING MEASURES

- Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam
- Specific Hazards:** None known
- Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.
- Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.
- Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

- Handling Precautions:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.
- Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure Limits:** No occupational exposure limits established for this product.
- Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.
- Personal Protective Equipment**
- Eye Protection:** Wear protective glasses, goggles or eye shield.
- Skin Protection:** Wear protective gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Clear blue liquid

**Odor:**

No characteristic odor

**pH:**

10.75 – 10.95

**Specific Gravity:**

0.99 – 1.005 g/mL

**Solubility:**

Soluble in water

**Flash Point:**

> 100°C

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

No information available

**Odor Threshold:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** Oxides of carbon and nitrogen

## 11. TOXICOLOGY INFORMATION

The product itself has not been tested. Information given is based on data obtained from components of the mixture. The acute toxicity estimates are:

**Oral LD<sub>50</sub>**

>5000 mg/kg

**Dermal LD<sub>50</sub>**

>5000 mg/kg

**Inhalation LC<sub>50</sub>**

22.81 mg/l

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms**
**Eye and Skin Contact:**

May cause eye and skin irritation.

**Ingestion:**

May be harmful if swallowed.

**Inhalation:**

None known.

**Chronic Effects:**

None known

## 12.ECOLOGICAL INFORMATION

The ecological evaluation of this product is based on data from the components of the mixture. The acute toxicity estimate:

**Fish LC<sub>50</sub>:** >100 mg/l

When used for its intended purpose this product should not cause adverse effects in the environment.

## 13.DISPOSAL CONSIDERATIONS

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

## 14.TRANSPORT INFORMATION

**UN Number:** Not classified

**Proper Shipping Name:** Not classified

**Hazard Class:** Not classified

**Packing Group:** Not classified

## 15.REGULATORY INFORMATION

This product does not contain components subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA.

### California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Alkoxylated Alcohols	27252-75-1	Surfactant
Amphoteric Surfactant	Proprietary	Surfactant
Isopropanol	67-63-0	Solvent
Alcohols, C12-18, Ethoxylated	68213-23-0	Surfactant
Methylglycinediacetic acid, trisodium salt	164462-16-2	Chelant
Dye	3844-45-9	Colorant

**16.OTHER INFORMATION**

**Revision Date:** 01/01/2020

**Supersedes:** 05/18/2016

**Reason for Revision:** Added California Right to Know Act regulations.

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** GK-4  
**Product Code:** A0672  
**Recommended Use:** Floor Cleaner

**Company**

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

**Emergency Telephone Numbers**

**MEDICAL:** 1-866-923-4946 (PROSAR)      **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

**GHS Hazard Classification**

Not Classified

**PRECAUTIONARY STATEMENTS**

P264: Wash hands thoroughly after handling

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	70.0 – 75.0
Methyl Glycine Diacetic Acid, trisodium salt in water	164462-16-2	5.0 – 10.0
Sodium Laureth Sulfate	9004-82-4	5.0 – 10.0
Glycerine	56-81-5	2.0 – 7.0
Enzyme Preparation	Mixture	< 1.0
Fragrance	Proprietary	< 1.0
Bacteria Cultures	Mixture	< 1.0
Citric Acid	77-92-9	< 1.0
Calcium Chloride	10043-52-4	< 1.0
Enzyme Preparation	Mixture	< 1.0
Dye	1934-21-0	< 1.0
Dye	3844-45-9	< 1.0

#### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, call a poison center if you feel unwell. Rinse mouth.  
**Skin Contact:** If on skin, wash with plenty of water. If skin irritation occurs, get medical advice.  
**Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

#### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam  
**Specific Hazards:** None known  
**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.  
**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.  
**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

**Handling Precautions:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.  
**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.  
**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.  
**Personal Protective Equipment**  
**Eye Protection:** Protective glasses, goggles or eye shield are recommended.  
**Skin Protection:** Protective gloves are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Clear green liquid

**Odor:**

Citrus Odor

**pH:**

9.0 – 11.0

**Specific Gravity:**

1.048 – 1.058 g/mL

**Solubility:**

Soluble in water

**Flash Point:**

&gt; 140°F

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

No information available

**Odor Threshold:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** None reasonably foreseeable

## 11. TOXICOLOGY INFORMATION

The product itself has not been tested. Information given is based on data obtained from components of the mixture. The acute toxicity estimates are:

**Oral LD<sub>50</sub>**

&gt;5000 mg/kg

**Dermal LD<sub>50</sub>**

&gt;5000 mg/kg

**Inhalation LC<sub>50</sub>**

12.21 mg/l

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms****Eye and Skin Contact:**

May cause eye and skin irritation.

**Ingestion:**

May be harmful if swallowed.

**Inhalation:**

None known.

**Chronic Effects:**

None known

## 12.ECOLOGICAL INFORMATION

The ecological evaluation of this product is based on data from the components of the mixture. The acute toxicity estimate:

**Fish LC<sub>50</sub>:** 6.01 mg/l

When used for its intended purpose this product should not cause adverse effects in the environment.

## 13.DISPOSAL CONSIDERATIONS

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

## 14.TRANSPORT INFORMATION

**UN Number:** Not classified

**Proper Shipping Name:** Not classified

**Hazard Class:** Not classified

**Packing Group:** Not classified

## 15.REGULATORY INFORMATION

This product does not contain components subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA.

### California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Methyl Glycine Diacetic Acid, trisodium salt in water	164462-16-2	Chelant
Sodium Laureth Sulfate	9004-82-4	Surfactant
Glycerine	56-81-5	Surfactant
Enzyme Preparation	Mixture	Cleaning Enhancer
Fragrance	Proprietary	Fragrance
Bacteria Cultures	Mixture	Cleaning Enhancer
Citric Acid	77-92-9	pH Adjuster
Calcium Chloride	10043-52-4	Stabilizer
Enzyme Preparation	Mixture	Cleaning Enhancer
Dye	1934-21-0	Colorant
Dye	3844-45-9	Colorant

**16.OTHER INFORMATION**

**Revision Date:** 01/01/2020

**Supersedes:** 09/26/2016

**Reason for Revision:** Added California Right to Know Act regulations.

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## HAN GEL

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Han Gel  
**Product Code:** A0232  
**Recommended Use:** Lotion Soap

#### Company

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

#### Emergency Telephone Numbers

**MEDICAL:** 1-866-923-4946 (PROSAR) **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

#### OSHA Hazard Classification

**Signal Word:** WARNING  
**Acute Toxicity:** Category 4  
**Skin Corrosion:** Category 3  
**Eye Irritation:** Category 2B

#### HAZARD STATEMENTS

H302: Harmful if swallowed  
 H316: Causes mild skin irritation  
 H320: Causes eye irritation

#### PRECAUTIONARY STATEMENTS

P270: Do not eat, drink or smoke when using this product

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	80.0 – 85.0
Surfactant Blend	Mixture	5.0 – 10.0
Sodium Chloride	7647-14-5	1.0 - 5.0
Anionic Detergent Blend	Proprietary	1.0 – 5.0
Glycerin	56-81-5	1.0 – 5.0
Sodium (C14-16) Olefin Sulfonate	68439-57-6	1.0 – 5.0
Lanolin	Proprietary	< 1.0
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	6440-58-0	< 1.0
Fragrance	Mixture	< 1.0

#### 4. FIRST AID MEASURES

- Ingestion:** If swallowed, call a poison center if you feel unwell. Rinse mouth.
- Skin Contact:** If skin irritation occurs, get medical advice.
- Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

#### 5. FIREFIGHTING MEASURES

- Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam
- Specific Hazards:** None known
- Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.
- Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.
- Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

- Handling Precautions:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.
- Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure Limits:** No occupational exposure limits established for this product.
- Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.
- Personal Protective Equipment**
- Eye Protection:** Wear protective glasses, goggles or eye shield.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Opaque white liquid

**Odor:**

Fragrant odor

**pH:**

5.5 – 8.02

**Specific Gravity:**

1.02 – 1.06 g/mL

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

2,000 – 5,000cps (Spindle #3 @12rpm)

**Odor Threshold:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** None reasonably foreseeable

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms**
**Eye and Skin Contact:**

May cause eye irritation.

**Ingestion:**

May be harmful if swallowed.

**Inhalation:**

None known.

**Chronic Effects:**

None known

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.



### 13.DISPOSAL CONSIDERATIONS

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

### 14.TRANSPORT INFORMATION

<b>UN Number:</b>	Not classified
<b>Proper Shipping Name:</b>	Not classified
<b>Hazard Class:</b>	Not classified
<b>Packing Group:</b>	Not classified

### 15.REGULATORY INFORMATION

This product does not contain components subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA.

### 16.OTHER INFORMATION

<b>Revision Date:</b>	12/18/15
<b>Supersedes:</b>	04/13/15
<b>Reason for Revision:</b>	Updated Section 2

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**FRESH N' FREE FOAMING HAND CLEANSER****1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Fresh N' Free Foaming Hand Cleanser  
**Product Code:** A0234  
**Recommended Use:** Hand Cleanser

**Company**

Auto-Chlor System  
746 Poplar Avenue  
Memphis, TN 38105  
Questions/Comments: 901-579-2300

**Emergency Telephone Numbers**

**MEDICAL:** 1-866-923-4946 (PROSAR)      **SPILLS:** 1-800-424-9300 (CHEMTREC)

**2. HAZARDS IDENTIFICATION****OSHA Hazard Classification**

While this material is not classified as hazardous under OSHA regulations, this SDS contains information regarding the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

This compound or any of its ingredients are not listed by OSHA, NTP, or IARC as a carcinogen, or potential carcinogen nor do they have established OSHA PELs or ACGIH TLVS.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	78.0 – 83.0
Alcohol Ethoxy Sulfate	Mixture	8.0 – 13.0
Surfactant Blend	Mixture	5.0 – 10.0
Propylene Glycol	57-55-6	1.0 – 5.0
Glycerin	56-81-5	1.0 – 5.0
Tocopheryl Acetate	7695-91-2	< 1.0

**4. FIRST AID MEASURES**

**Ingestion:** Administer two (2) glasses of milk or water. Do not induce vomiting. Get medical attention.

**Skin Contact:** If skin irritation occurs, get medical advice.

**Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

## 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam

**Specific Hazards:** None known

**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.

**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.

**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

## 7. HANDLING AND STORAGE

**Handling Precautions:** Do not eat, drink or smoke when using this product. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.

**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.

### Personal Protective Equipment

**Eye Protection:** No special requirements under normal use conditions.

**Skin Protection:** No protection required. This product is designed to be used on skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance:

Translucent liquid

### Odor:

No characteristic odor

### pH:

7.0 – 8.2

### Specific Gravity:

1.014 – 1.023 g/mL

### Solubility:

Soluble in water

### Evaporation Rate:

No information available

### Odor Threshold:

No information available

### Vapor Density:

No information available

### Vapor Pressure:

No information available

### Partition Coefficient:

No information available

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

No information available

**Flammability:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

**10. STABILITY AND REACTIVITY****Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** None reasonably foreseeable**11. TOXICOLOGY INFORMATION****Likely Routes of Exposure:** Inhalation, eye and skin contact**Acute Symptoms****Eye and Skin Contact:** None known**Ingestion:** None known**Inhalation:** None known**Chronic Effects:** None known**12. ECOLOGICAL INFORMATION**

When used for its intended purpose this product should not cause adverse effects in the environment.

**13. DISPOSAL CONSIDERATIONS**

No special precautions. Dispose of according to all local and federal regulations.

**14. TRANSPORT INFORMATION****UN Number:** Not classified**Proper Shipping Name:** Not classified**Hazard Class:** Not classified**Packing Group:** Not classified

### 15.REGULATORY INFORMATION

SARA Title III does not apply to this cosmetic product. Cosmetics are not considered reportable by Federal and State regulations.

### 16.OTHER INFORMATION

**Revision Date:** 04/27/15  
**Supersedes:** 02/22/13  
**Reason for Revision:** Updated per GHS Format

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## MACH ENVIRO DRY

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** MACH Enviro Dry  
**Product Code:** A0707  
**Recommended Use:** Mechanical Warewashing Rinse Additive

#### Company

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

#### Emergency Telephone Numbers

**MEDICAL:** 1-866-923-4946 (PROSAR) **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

#### OSHA Hazard Classification

**Signal Word:** WARNING  
**Acute Toxicity:** Category 4  
**Skin Corrosion:** Category 2  
**Eye Irritation:** Category 2B



#### HAZARD STATEMENTS

H302: Harmful if swallowed  
 H312: Harmful in contact with skin  
 H315: Causes skin irritation  
 H320: Causes eye irritation

#### PRECAUTIONARY STATEMENTS

P264: Wash hands thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	60.0 -65.0
Methyl-oxirane polymer with oxirane	9003-11-6	20.0 – 25.0
Sodium Xylene Sulfonate	1300-72-7	5.0 – 15.0
Alkylpolyglucoside	110615-47-9	1.0 – 5.0
Acetic Acid	64-19-7	1.0 – 5.0
Dye	Mixture	<1.0

#### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, call a poison center if you feel unwell. Rinse mouth.  
**Skin Contact:** If on skin, wash with plenty of water. If skin irritation occurs, get medical advice. Take off contaminated clothing and wash it before reuse.  
**Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

#### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam  
**Specific Hazards:** None known  
**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.  
**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.  
**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with skin, eyes and clothing. DO not taste or swallow. Wash thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.  
**Storage:** Protect from freezing. tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.  
**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.  
**Personal Protective Equipment**  
**Eye Protection:** Wear protective glasses, goggles or eye shield.  
**Skin Protection:** Wear impervious protective gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Clear green liquid

**Odor:**

Slight acidic

**pH:**

3.5 – 4.0

**Specific Gravity:**

1.038 g/ml

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** None reasonably foreseeable

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms****Eye and Skin Contact:**

May cause eye and skin irritation.

**Ingestion:**

May be harmful if swallowed.

**Inhalation:**

None known.

**Chronic Effects:**

None known

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.



**13.DISPOSAL CONSIDERATIONS**

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

**14.TRANSPORT INFORMATION**

**UN Number:** Not classified  
**Proper Shipping Name:** Not classified  
**Hazard Class:** Not classified  
**Packing Group:** Not classified

**15.REGULATORY INFORMATION**

This product does not contain components subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA.

**California Cleaning Product Right to Know Act of 2017 (SB 258)**

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Methyl-oxirane polymer with oxirane	9003-11-6	Polymer
Sodium Xylene Sulfonate	1300-72-7	Surfactant
Alkylpolyglucoside	110615-47-9	Surfactant
Acetic Acid	64-19-7	pH Adjuster
Dye	Mixture	Colorant

**16.OTHER INFORMATION**

**Revision Date:** 01/01/2020  
**Supersedes:** 08/25/2014  
**Reason for Revision:** Added California Right to Know Act regulations.

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## MACH ENVIRO WASH

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** MACH Enviro Wash  
**Product Code:** A0701  
**Recommended Use:** Mechanical Warewashing Detergent

#### Company

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

#### Emergency Telephone Numbers

**MEDICAL:** 1-866-923-4946 (PROSAR)      **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

#### OSHA Hazard Classification

**Signal Word:** DANGER  
**Acute Toxicity:** Category 4  
**Skin Corrosion:** Category 1C  
**Eye Irritation:** Category 1



#### HAZARD STATEMENTS

H302: Harmful if swallowed  
 H312: Harmful in contact with skin  
 H314: Causes severe skin burns and eye damage

#### PRECAUTIONARY STATEMENTS

P264: Wash hands thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	30.0 – 35.0
Sodium Hydroxide	1310-73-2	15.0 – 20.0
Methyl Glycine Diacetic Acid, trisodium salt in water	164462-16-2	15.0 – 20.0
Potassium Hydroxide	1310-58-3	3.0 – 8.0
Citric Acid	77-92-9	3.0 – 8.0
Polyacrylic Acid	Mixture	3.0 – 8.0
Dye	25956-17-6	<1.00

#### 4. FIRST AID MEASURES

<b>Ingestion:</b>	If swallowed, rinse mouth. Do NOT induce vomiting.
<b>Inhalation:</b>	If inhaled, remove person to fresh air and keep comfortable for breathing.
<b>Skin Contact:</b>	If on skin, remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
<b>Eye Contact:</b>	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center.

#### 5. FIREFIGHTING MEASURES

<b>Extinguishing Media:</b>	Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam
<b>Specific Hazards:</b>	None known
<b>Protective Equipment:</b>	Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Isolate spill or leak area immediately. Adequately ventilate area.
<b>Protective Equipment:</b>	Wear appropriate personal protective equipment as specified in Section 8.
<b>Cleanup Procedures:</b>	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid contact with skin, eyes and clothing. DO not taste or swallow. Wash thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.
<b>Storage:</b>	Protect from freezing. Store locked up. Keep tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational Exposure Limits:</b>	No occupational exposure limits established for this product.
<b>Appropriate Engineering Controls:</b>	Good general ventilation should be sufficient to control airborne levels.
<b>Personal Protective Equipment</b>	
<b>Eye Protection:</b>	Wear protective glasses, goggles or eye shield.
<b>Skin Protection:</b>	Wear impervious protective clothing, including gloves and apron.
<b>Respiratory Protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Red translucent liquid

**Odor:**

No characteristic odor

**pH:**

&gt;14

**Specific Gravity:**

1.29 g/ml

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** None reasonably foreseeable

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms****Eye and Skin Contact:**

May cause severe burns.

**Ingestion:**

May cause burns to mouth, throat and stomach.

**Inhalation:**

May cause irritation and corrosive effects to nose, throat and respiratory tract.

**Chronic Effects:**

None known

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

**13.DISPOSAL CONSIDERATIONS**

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

**14.TRANSPORT INFORMATION**

**UN Number:** UN3266  
**Proper Shipping Name:** Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide, Potassium Hydroxide)  
**Hazard Class:** 8  
**Packing Group:** III

**15.REGULATORY INFORMATION**

This product contains the following components subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA:

Sodium Hydroxide, CAS No.: 1310-73-2  
CERCLA Final RQ = 1,000 lbs  
Potassium Hydroxide, CAS No.: 1310-58-3  
CERCLA Final RQ = 1,000 lbs

**California Cleaning Product Right to Know Act of 2017 (SB 258)**

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Sodium Hydroxide	1310-73-2	pH Adjuster
Methyl Glycine Diacetic Acid, trisodium salt in water	164462-16-2	Chelant
Potassium Hydroxide	1310-58-3	pH Adjuster
Citric Acid	77-92-9	pH Adjuster
Polyacrylic Acid	Mixture	Polymer
Dye	25956-17-6	Colorant

**16.OTHER INFORMATION**

**Revision Date:** 01/01/2020  
**Supersedes:** 06/20/2014  
**Reason for Revision:** Added California Right to Know Act regulations.

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## SOLUTION QA ULTRA

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Solution QA Ultra  
**Product Code:** A0389  
**Recommended Use:** Sanitizer

#### Company

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

#### Emergency Telephone Numbers

**MEDICAL:** 1-866-923-4946 (PROSAR)      **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

#### GHS Hazard Classification

**Signal Word:** DANGER  
**Acute Toxicity:** Category 4  
**Skin Corrosion:** Category 1  
**Eye Irritation:** Category 1



#### HAZARD STATEMENTS

H302: Harmful if swallowed  
 H312: Harmful in contact with skin  
 H314: Causes severe skin burns and eye damage

#### PRECAUTIONARY STATEMENTS

P264: Wash hands thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NO.	% COMPOSITION
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5 68956-79-6	9.0 – 11.0

#### 4. FIRST AID MEASURES

- Ingestion:** If swallowed, rinse mouth. Do NOT induce vomiting.
- Inhalation:** If inhaled, remove person to fresh air and keep comfortable for breathing.
- Skin Contact:** If on skin, remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
- Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center.

#### 5. FIREFIGHTING MEASURES

- Extinguishing Media:** Dry chemical, foam carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.
- Specific Hazards:** This product contains a flammable solvent. Vapors may be released that travel long distances, ignite and flash back.
- Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.
- Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.
- Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

- Handling Precautions:** Avoid contact with skin, eyes and clothing. DO not taste or swallow. Wash thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.
- Storage:** Protect from freezing. Store locked up. Keep tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure Limits:** No occupational exposure limits established for this product.
- Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.
- Personal Protective Equipment**
- Eye Protection:** Wear protective glasses, goggles or eye shield.
- Skin Protection:** Wear impervious protective clothing, including gloves and apron.
- Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Red liquid

**Odor:**

No characteristic odor

**pH:**

7.2

**Specific Gravity:**

0.990 g/mL

**Solubility:**

Soluble in water

**Flash Point:**

(50.6°C), 123°F PMCC

**Boiling Point:**

No information available

**VOC:**

0.6% by weight

**Viscosity:**

No information available

**Odor Threshold:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

Strong acids

**Hazardous Decomposition Products:** Oxides of carbon or nitrogen

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms**
**Eye and Skin Contact:**

May cause severe burns.

**Ingestion:**

May cause burns to mouth, throat and stomach.

**Inhalation:**

May cause irritation and corrosive effects to nose, throat and respiratory tract.

**Chronic Effects:**

None known

## 12.ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

## 13.DISPOSAL CONSIDERATIONS

Pesticide wastes are acutely hazardous. Improper disposal of all excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representatives at the nearest EPA Regional Office for guidance.

## 14.TRANSPORT INFORMATION

**UN Number:** Not classified  
**Proper Shipping Name:** Not classified  
**Hazard Class:** Not classified  
**Packing Group:** Not classified

## 15.REGULATORY INFORMATION

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use, pesticide storage and container handling.

**EPA REGISTRATION NUMBER:** 1839-86-6243

Following is the hazard information as required on the pesticide label:

**DANGER**

Harmful if swallowed or absorbed through the skin.

Causes irreversible eye damage and skin irritation.

### California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

INGREDIENT	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5 68956-79-6	Antimicrobial
Dye	25956-17-6	Colorant

**16.OTHER INFORMATION**

**Revision Date:** 01/01/20  
**Supersedes:** 04/24/15  
**Reason for Revision:** Updated per California SB 256

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## Super 8

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Super 8  
**Product Code:** A0034  
**Recommended Use:** Sanitizer

#### Company

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

#### Emergency Telephone Numbers

**MEDICAL:** 1-866-923-4946 (PROSAR)

**SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

#### GHS Hazard Classification

**Signal Word:** DANGER

**Acute Toxicity:** Category 4

**Skin Corrosion:** Category 1

**Eye Irritation:** Category 1



#### HAZARD STATEMENTS

H302: Harmful if swallowed  
 H312: Harmful in contact with skin  
 H314: Causes severe skin burns and eye damage

#### PRECAUTIONARY STATEMENTS

P264: Wash hands thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NO.	% COMPOSITION
Sodium Hypochlorite	7681-52-9	8.0 – 10.0

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, rinse mouth. Do NOT induce vomiting.  
**Inhalation:** If inhaled, remove person to fresh air and keep comfortable for breathing.  
**Skin Contact:** If on skin, remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.  
**Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center.

## 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam

**Specific Hazards:** None known

**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.

**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.

**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

## 7. HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with skin, eyes and clothing. DO not taste or swallow. Wash thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

**Storage:** Protect from freezing. Store locked up. Keep tightly closed in a dry, cool and well ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.

**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.

### Personal Protective Equipment

**Eye Protection:** Wear protective glasses, goggles or eye shield.

**Skin Protection:** Wear impervious protective clothing, including gloves and apron.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Clear yellow liquid

**Odor:**

Chlorine odor

**pH:**

12.7

**Specific Gravity:**

1.15 g/mL

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

0.00%

**Viscosity:**

No information available

**Odor Threshold:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

This product is stable but degrades quickly

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

Strong acids, nitrogen and oxidizers

**Hazardous Decomposition Products:** Oxides of chlorine

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms**
**Eye and Skin Contact:**

May cause severe burns.

**Ingestion:**

May cause burns to mouth, throat and stomach.

**Inhalation:**

May cause irritation and corrosive effects to nose, throat and respiratory tract.

**Chronic Effects:**

None known

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL HAZARDS** *(For products in containers 5 gallons or more)*

This product is toxic to fish. See product label for more information.

### 13.DISPOSAL CONSIDERATIONS

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### 14.TRANSPORT INFORMATION

**UN Number:** UN1791  
**Proper Shipping Name:** Hypochlorite Solutions  
**Hazard Class:** 8  
**Packing Group:** PG II

\*Only for containers greater than 1 Gallon

### 15.REGULATORY INFORMATION

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use, pesticide storage and container handling.

**EPA REGISTRATION NUMBER:** 6243-7

Following is the hazard information as required on the pesticide label: **DANGER**  
 Harmful if swallowed or absorbed through the skin.  
 Causes irreversible eye damage and skin irritation.

#### California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

INGREDIENT	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Sodium Hypochlorite	7681-52-9	Antimicrobial

### 16.OTHER INFORMATION

**Revision Date:** 01/01/20  
**Supersedes:** 04/15/15  
**Reason for Revision:** Updated per California SB 256

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## XPRESS DEGREASER

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Xpress Degreaser

**Product Code:** A0350032

**Recommended Use:** Degreaser

**Company**

Auto-Chlor System

746 Poplar Avenue

Memphis, TN 38105

Questions/Comments: 901-579-2300

**Emergency Telephone Numbers**

**MEDICAL:** 1-866-923-4946 (PROSAR)

**SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

**OSHA Hazard Classification**

**Signal Word:** DANGER

**Acute Toxicity:** Category 4

**Skin Corrosion:** Category 1

**Eye Irritation:** Category 1



**HAZARD STATEMENTS**

H302: Harmful if swallowed

H312: Harmful in contact with skin

H314: Causes severe skin burns and eye damage

**PRECAUTIONARY STATEMENTS**

P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	70.0 – 75.0
Sodium Hydroxide	1310-73-2	12.0 – 18.0
Sodium Xylene Sulfonate	1300-72	4.0 – 8.0
Tetrasodium EDTA	64-02-8	1.0 – 4.0
Alkylpolyglucoside	Mixture	0.5 – 3.0
Butyl Carbitol	112-34-5	0.5 – 3.0
Alkyl (C10-15) Benzenesulfonic Acid	68584-22-5	0.5 – 3.0
Sodium Nitrilo-triacetate, monohydrate	18662-53-8	< 1.0
Fragrance	Proprietary	< 1.0
Dye	Proprietary	< 1.0



#### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, rinse mouth. Do NOT induce vomiting.  
**Inhalation:** If inhaled, remove person to fresh air and keep comfortable for breathing.  
**Skin Contact:** If on skin, remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.  
**Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center.

#### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class ABC fire extinguisher, dry chemical, carbon dioxide, or foam  
**Specific Hazards:** None known  
**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.  
**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.  
**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with skin, eyes and clothing. DO not taste or swallow. Wash thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.  
**Storage:** Protect from freezing. Store locked up. Keep tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.  
**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.  
**Personal Protective Equipment**  
**Eye Protection:** Wear protective glasses, goggles or eye shield.  
**Skin Protection:** Wear impervious protective clothing, including gloves and apron.  
**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Translucent orange liquid

**Odor:**

Citrus

**pH:**

13.0

**Specific Gravity:**

1.109 g/ml

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** None reasonably foreseeable

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms**

**Eye and Skin Contact:**

May cause severe burns.

**Ingestion:**

May cause burns to mouth, throat and stomach.

**Inhalation:**

May cause irritation and corrosive effects to nose, throat and respiratory tract.

**Chronic Effects:**

None known

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

### 13.DISPOSAL CONSIDERATIONS

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

### 14.TRANSPORT INFORMATION

**UN Number:** UN3266  
**Proper Shipping Name:** Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide)  
**Hazard Class:** 8  
**Packing Group:** II

\*Qualifies for limited quantity exception as outlined in 49 CFR 173.154

### 15.REGULATORY INFORMATION

This product contains the following component which is subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA:

Sodium Hydroxide, CAS No.: 1310-73-2  
 CERCLA: Final RQ = 1,000 lbs

#### California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Water	7732-18-5	Solvent
Sodium Hydroxide	1310-73-2	Builder
Sodium Xylene Sulfonate	1300-72	Surfactant
Tetrasodium EDTA	64-02-8	Chelant
Alkylpolyglucoside	Mixture	Surfactant
Butyl Carbitol	112-34-5	Solvent
Alkyl (C10-15) Benzenesulfonic Acid	68584-22-5	Surfactant
Sodium Nitrilo-triacetate, monohydrate	18662-53-8	Chelant
Fragrance*	Proprietary	Fragrance
Dye	Proprietary	Colorant

\*Contains no fragrance allergens.

<b>16.OTHER INFORMATION</b>
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**Revision Date:** 12/29/20

**Supersedes:** 01/01/20

**Reason for Revision:** Update Section 14

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## XPRESS DETERGENT DISINFECTANT

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Xpress Detergent Disinfectant  
**Product Code:** A0346  
**Recommended Use:** General cleaner and disinfectant

#### Company

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

#### Emergency Telephone Numbers

**MEDICAL:** 1-866-923-4946 (PROSAR)      **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

#### OSHA Hazard Classification

**Signal Word:** WARNING

**Acute Toxicity:** Category 4 (oral)

**Acute Toxicity:** Category 4 (dermal)

**Eye Irritation:** Category 2B



#### HAZARD STATEMENTS

H302: Harmful if swallowed

H320: Causes eye irritation

#### PRECAUTIONARY STATEMENTS

P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
_Diethylene glycol monobutyl ether	112-34-5	8
Tetra sodium ethylenediamine tetra acetic acid (Na4 EDTA)	64-02-8	1.6
_Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0	0.11
_Alkyl dimethyl benzyl ammonium chloride (C12-C18)	68391-01-5	0.11
Other components below reportable levels		90.1901

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, call a poison center if you feel unwell. Rinse mouth.  
**Skin Contact:** If on skin, wash with plenty of water. If skin irritation occurs, get medical advice. Take off contaminated clothing and wash it before reuse.  
**Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam  
**Specific Hazards:** During fire, gases hazardous to health may be formed.  
**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.  
**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.  
**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

### 7. HANDLING AND STORAGE

**Handling Precautions:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid prolonged exposure. Avoid release to the environment.  
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.  
**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well ventilated place.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.  
**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.

#### Personal Protective Equipment

**Eye Protection:** Wear protective glasses, goggles or eye shield.  
**Skin Protection:** Wear protective gloves.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

liquid

**Odor:**

Citrus

**pH:**

11.7

**Specific Gravity:**

No information available

**Solubility:**

Soluble in water

**Flash Point:**

> 93.9C

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

Strong acids, alkalies, and oxidizing agents.

**Hazardous Decomposition Products:**

Oxides of nitrogen ammonia, carbon dioxide, carbon Monoxide, and other low molecular weight hydrocarbons

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms**

**Eye and Skin Contact:**

Causes eye irritation and causes mild skin irritation.

**Ingestion:**

Expected to be a low ingestion hazard.

**Inhalation:**

Prolonged inhalation may be harmful.

**Chronic Effects:** None known

Assessment of acute toxicity:

**Oral LD<sub>50</sub>**  
>5 g/kg

**Dermal LD<sub>50</sub>**  
>5 g/kg

**Inhalation LC<sub>50</sub>**  
2.43 mg/l

## 12.ECOLOGICAL INFORMATION

Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Expected to be readily biodegradable.

## 13.DISPOSAL CONSIDERATIONS

Pesticide wastes are acutely hazardous. Improper disposal of all excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representatives at the nearest EPA Regional Office for guidance.

## 14.TRANSPORT INFORMATION

**UN Number:** Not classified  
**Proper Shipping Name:** Not classified  
**Hazard Class:** Not classified  
**Packing Group:** Not classified

## 15.REGULATORY INFORMATION

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use, pesticide storage and container handling.

**EPA REGISTRATION NUMBER:** 1839-83-6243

### California Proposition 65



**WARNING:** This product can expose you to chemicals including Acetaldehyde, which are known to the State of California to cause cancer. This product can expose you to chemicals including Ethylene Glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-dioxane (CAS 123-91-1) Listed: January 1, 1988



Acetaldehyde (CAS 75-07-0) Listed: April 1, 1988

**California Proposition 65 - CRT: Listed date/Developmental toxin**

Ethylene Glycol (CAS 107-21-1) Listed: June 19, 2015

### 16.OTHER INFORMATION

**Revision Date:** 03/05/2020

**Supersedes:** new

**Reason for Revision:** New formulation

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responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

## XPRESS STAINLESS STEEL POLISH

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Xpress Stainless Steel Polish  
**Product Code:** A0356  
**Recommended Use:** Hi-Performance Metal Polish

**Company**

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

**Emergency Telephone Numbers**

**MEDICAL:** 1-866-923-4946 (PROSAR)      **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

**OSHA Hazard Classification**

**Signal Word:** WARNING - Combustible

**Acute Toxicity:** Category 4

**Skin Corrosion:** Category 2

**Eye Irritation:** Category 2



**HAZARD STATEMENTS**

H302: Harmful if swallowed  
 H312: Harmful in contact with skin  
 H315: Causes skin irritation  
 H320: Causes eye irritation

**PRECAUTIONARY STATEMENTS**

P210: Keep away from flames and hot surfaces  
 P264: Wash hands thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Naptha Hydrotreated Heavy	64742-48-9	65.0 – 70.0
White Mineral Oil	8042-47-5	25.0 – 30.0
Diethylene Glycol Butyl Ether	112-34-5	1.0 – 5.0

#### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, call a poison center if you feel unwell. Rinse mouth.  
**Skin Contact:** If on skin, wash with plenty of water. If skin irritation occurs, get medical advice. Take off contaminated clothing and wash it before reuse.  
**Eye Contact:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

#### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher  
**Specific Hazards:** None known  
**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.  
**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.  
**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

**Handling Precautions:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear eye protection and protective gloves. Keep away from flames and hot surfaces. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.  
**Storage:** Store in well ventilated place. Keep cool.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.  
**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.  
**Personal Protective Equipment**  
**Eye Protection:** Wear protective glasses, goggles or eye shield.  
**Skin Protection:** Wear impervious protective clothing, including gloves and apron.  
**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Clear water white liquid

**Odor:**

No information available

**pH:**

No information available

**Specific Gravity:**

0.76 – 0.79 g/ml

**Solubility:**

Soluble in water

**Flash Point:**

132.8 °F

**Boiling Point:**

No information available

**VOC:**

53.5%

**Viscosity:**

No information available

**Odor Threshold:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

Combustible

**Lower Explosive / Upper Explosive:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** None reasonably foreseeable

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms****Eye and Skin Contact:**

May cause eye and skin irritation.

**Ingestion:**

May be harmful if swallowed.

**Inhalation:**

None known.

**Chronic Effects:**

None known

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

**13.DISPOSAL CONSIDERATIONS**

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

**14.TRANSPORT INFORMATION**

**UN Number:** Not classified  
**Proper Shipping Name:** Not classified  
**Hazard Class:** Not classified  
**Packing Group:** Not classified

**15.REGULATORY INFORMATION**

This product does not contain components subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA.

**California Cleaning Product Right to Know Act of 2017 (SB 258)**

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Naptha Hydrotreated Heavy	64742-48-9	Solvent
White Mineral Oil	8042-47-5	Solvent
Diethylene Glycol Butyl Ether	112-34-5	Solvent

**16.OTHER INFORMATION**

**Revision Date:** 01/01/20  
**Supersedes:** 04/09/15  
**Reason for Revision:** Updated per GHS Format

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