

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 04/05/2016 Supersedes:01/15/2016

Version: 1.2

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Trade name : PURE CITRUS ORANGE CLEANER 32 FL.OZ.

Product code : NA200

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : General Cleaner

1.3. Details of the supplier of the safety data sheet

Technical Chemical Company PO BOX 139 Cleburne, TX 76033 T 817-645-6088

1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

### **GHS-US** classification

Skin Irrit. 2 H315

Full text of H statements: see section 16

### 2.2. Label elements

### **GHS-US** labeling

Hazard pictograms (GHS-US)



GHS07

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H315 - Causes skin irritation

Precautionary statements (GHS-US) : P264 - Wash affected areas thoroughly after handling

P280 - Wear protective gloves, protective clothing, eye protection, face protection

P302+P352 - If on skin: Wash with plenty of soap and water

P321 - Specific treatment: See section 4.1 on SDS

P332+P313 - If skin irritation occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse

### 2.3. Other hazards

Other hazards not contributing to the

classification

: None under normal conditions.

### 2.4. Unknown acute toxicity (GHS US)

No data available

# SECTION 3: Composition/Information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
Water	(CAS No) 7732-18-5	>= 95	Not classified
Triethanolamine	(CAS No) 102-71-6	<1	Not classified
2-Butoxyethanol	(CAS No) 111-76-2	<1	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Citrus Mixture	(CAS No) Mixture	< 1	Flam. Liq. 3, H226
Citric Acid	(CAS No) 77-92-9	< 1	Not classified

14/09/2016 EN (English US) 1/15

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS-US classification
Sodium Hydroxide, Conc=50%, Aqueous Solution	(CAS No) 1310-73-2	0.0242 - 0.2266	Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401
CITRUS SPECIES PEEL EXTRACT	(CAS No) 94266-47-4	0.05 - 0.2	Not classified
EUMULGIN RO 40	(CAS No) 61791-12-6	0.05 - 0.2	Not classified
PEG-10 COCOATE	(CAS No) 61791-29-5	0.05 - 0.2	Not classified
PEG-3 COCAMIDE	(CAS No) 61791-08-0	0.05 - 0.2	Not classified
Poly(oxy-1,2-ethanediyl),a-sulfo-w-hydroxy-,c10-16-alkyl ethers, ammonium salts	(CAS No) 67762-19-0	0.1508 - 0.156	Not classified
EDTA Tetrasodium Salt	(CAS No) 64-02-8	< 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 Carc. 1B, H350
Polyethylene Glycol 200-600	(CAS No) 25322-68-3	<= 0.054	Not classified
Nonyl Nonoxynol-5	(CAS No) 9014-93-1	<= 0.036	Not classified
Ethanol	(CAS No) 64-17-5	0.025857 - 0.0351	Flam. Liq. 2, H225
Sodium Chloride	(CAS No) 7647-14-5	0 - 0.022	Not classified
Dobanol Ethoxylates	(CAS No) 68131-39-5	>= 0.0078	Not classified
Ammonium Sulfate	(CAS No) 7783-20-2	0.00026 - 0.0052	Not classified
Methyl Isobutyl Ketone	(CAS No) 108-10-1	0.000338 - 0.00234	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation:gas), H331 Eye Irrit. 2A, H319 STOT SE 3, H335
Methanol	(CAS No) 67-56-1	0 - 0.00195	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:dust,mist), H331 STOT SE 1, H370
2-Propanol	(CAS No) 67-63-0	0 - 0.00195	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

The exact percentage is a trade secret.

### **SECTION 4: First aid measures**

4.1. Descr	ption of first	aid measures
------------	----------------	--------------

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation

occurs: Get medical advice/attention. Specific treatment: See section 4.1 on SDS.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : If you feel unwell, seek medical advice.

Symptoms/injuries after skin contact : May cause slight irritation . Causes skin irritation.

Symptoms/injuries after eye contact : May cause slight eye irritation.

Symptoms/injuries after ingestion : May be harmful if swallowed and enters airways.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment.

14/09/2016 EN (English US) 2/15

# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

# **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources.

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Safety glasses.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill. Plug the leak, cut off the supply. Contain released substance, pump into

suitable containers.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect

spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation

of vapor.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after

handling. Always wash hands after handling the product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Remove contaminated clothes. Separate working clothes

from town clothes. Launder separately.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond

container and receiving equipment. Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container

closed when not in use.

Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

Follow Label Directions.

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

2-Butoxyethanol (111-76-2)		
USA ACGIH	ACGIH TWA (mg/m³)	97 mg/m³
USA ACGIH	ACGIH TWA (ppm)	20 ppm (2-Butoxyethanol (EGBE); USA; Time- weighted average exposure limit 8 h; TLV - Adopted Value)
USA OSHA	OSHA PEL (TWA) (mg/m³)	240 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	50 ppm
Mathyl Icahyityl Ketana (109.10.1)		

wetnyi isobutyi keto	Metnyl Isobutyl Ketone (108-10-1)		
USA ACGIH	ACGIH TWA (ppm)	20 ppm (Methyl isobutyl ketone; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)	
USA ACGIH	ACGIH STEL (ppm)	75 ppm (Methyl isobutyl ketone; USA; Short time value; TLV - Adopted Value)	
Triethanolamine (102	2-71-6)		
USA ACGIH	ACGIH TWA (mg/m³)	5 mg/m³ (Triethanolamine; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)	

14/09/2016 EN (English US) 3/15

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

CITRUS SPECIES PEEL EXTRACT (94266-47-4)			
USA ACGIH	ACGIH TWA (ppm)	30 ppm 8 Hour Citrus Terpenes	
Methanol (67-56-1)	Methanol (67-56-1)		
USA ACGIH	ACGIH TWA (mg/m³)	262 mg/m³	
USA ACGIH	ACGIH TWA (ppm)	200 ppm (Methanol; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)	
USA ACGIH	ACGIH STEL (mg/m³)	328 mg/m³	
USA ACGIH	ACGIH STEL (ppm)	250 ppm	
USA OSHA	OSHA PEL (TWA) (mg/m³)	260 mg/m³	
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm	
2-Propanol (67-63-0)			
USA ACGIH	ACGIH TWA (mg/m³)	980 mg/m³	
USA ACGIH	ACGIH TWA (ppm)	400 ppm	
USA ACGIH	ACGIH STEL (mg/m³)	1225 mg/m³	
USA ACGIH	ACGIH STEL (ppm)	500 ppm	
USA OSHA	OSHA PEL (TWA) (mg/m³)	980 mg/m³	
USA OSHA	OSHA PEL (TWA) (ppm)	400 ppm	
Ethanol (64-17-5)			
USA ACGIH	ACGIH STEL (ppm)	1000 ppm (Ethanol; USA; Short time value; TLV - Adopted Value)	
8.2. Exposure cor	ntrols		

### 8.2. Exposure controls

Appropriate engineering controls : Local exhaust venilation, vent hoods . Ensure good ventilation of the work station.

Personal protective equipment : Gloves. Safety glasses. Avoid all unnecessary exposure.





Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.
Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Wear appropriate mask.

Consumer exposure controls : Avoid contact during pregnancy/while nursing.

Other information : Do not eat, drink or smoke during use.

# SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Color : Orange.
Odor : Citrus.

Odor threshold : No data available

pH : 9.5

Relative evaporation rate (butyl acetate=1) : No data available Melting point : No data available Freezing point : No data available

Boiling point :  $> 100 \, ^{\circ}\text{C}$ 

Flash point : No data available : No data available Auto-ignition temperature Decomposition temperature : No data available Flammability (solid, gas) : No data available Vapor pressure : No data available Relative vapor density at 20 °C : No data available Relative density : No data available Solubility : Soluble in water. Log Pow : No data available

14/09/2016 EN (English US) 4/15

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidizing properties : No data available
Explosion limits : No data available

9.2. Other information

VOC content : < 1 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

### **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

2-Butoxyethanol (111-76-2)	
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	435 mg/kg (435 mg/kg bodyweight; Rabbit; Rabbit; Experimental value,435 mg/kg bodyweight; Rabbit; Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	2.17 mg/l/4h (Rat; Experimental value; 2.35 mg/l/4h; Rat; Experimental value)
LC50 inhalation rat (ppm)	450-486,Rat; Weight of evidence
Polyethylene Glycol 200-600 (25322-68-3)	
LD50 oral rat	> 15000 mg/kg (Rat)
LD50 dermal rabbit	> 20000 mg/kg (Rabbit)
Methyl Isobutyl Ketone (108-10-1)	
LD50 oral rat	2080 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	>= 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	> 16000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	8.2- 16.4,Rat; Experimental value
LC50 inhalation rat (ppm)	2000 ppm/4h (Rat; Experimental value,Rat; Experimental value)
Ammonium Sulfate (7783-20-2)	
LD50 oral rat	2840 mg/kg (Rat)
Triethanolamine (102-71-6)	
LD50 oral rat	> 5000 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value; 6400 mg/kg bodyweight; Rat)
LD50 dermal rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; >2000 mg/kg bodyweight; Rabbit)
CITRUS SPECIES PEEL EXTRACT (94266-47-4)	
LD50 oral rat	> 5 g/kg Citrus Terpenes
LD50 dermal rabbit	> 5 g/kg Citrus Terpenes
LC50 inhalation rat (mg/l)	> 1000 mg/kg Citrus Terpenes
EUMULGIN RO 40 (61791-12-6)	
LD50 oral rat	> 10000 mg/kg (Rat)

14/09/2016 EN (English US) 5/15

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Citric Acid (77-92-9)	
LD50 oral rat	3000 mg/kg (Rat; Literature study)
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
Sodium Chloride (7647-14-5)	
LD50 oral rat	3000 mg/kg (Rat; Experimental value; 3550 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Experimental value)
Methanol (67-56-1)	
LD50 oral rat	>= 2528 mg/kg body weight application as 50% aqueous solution
LD50 dermal rabbit	17100 mg/kg corresponding to 20 ml/kg bw according to the authors
LC50 inhalation rat (mg/l)	128.2 mg/l/4h Air
2-Propanol (67-63-0)	
LD50 dermal rabbit	12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit)
LC50 inhalation rat (mg/l)	73 mg/l/4h (Rat)
Ethanol (64-17-5)	
LD50 oral rat	10740 mg/kg body weight (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rabbit	> 16000 mg/kg (Rabbit; Literature study)
Skin corrosion/irritation	: Causes skin irritation.
	pH: 9.5
Serious eye damage/irritation	: Not classified
	pH: 9.5
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
2-Butoxyethanol (111-76-2)	
2-Butoxyethanol (111-76-2) IARC group	3
, ,	3
IARC group	3
IARC group  Triethanolamine (102-71-6)	
IARC group  Triethanolamine (102-71-6)  IARC group	
IARC group  Triethanolamine (102-71-6)  IARC group  2-Propanol (67-63-0)  IARC group	3
IARC group  Triethanolamine (102-71-6)  IARC group  2-Propanol (67-63-0)	3
IARC group  Triethanolamine (102-71-6)  IARC group  2-Propanol (67-63-0)  IARC group  Ethanol (64-17-5)  IARC group	3
IARC group  Triethanolamine (102-71-6)  IARC group  2-Propanol (67-63-0)  IARC group  Ethanol (64-17-5)	3   3   1
IARC group  Triethanolamine (102-71-6)  IARC group  2-Propanol (67-63-0)  IARC group  Ethanol (64-17-5)  IARC group  Reproductive toxicity  Specific target organ toxicity (single exposure)  Specific target organ toxicity (repeated	3 3 1 : Not classified
IARC group  Triethanolamine (102-71-6)  IARC group  2-Propanol (67-63-0)  IARC group  Ethanol (64-17-5)  IARC group  Reproductive toxicity  Specific target organ toxicity (single exposure)  Specific target organ toxicity (repeated exposure)	3  1 : Not classified : Not classified : Not classified
IARC group  Triethanolamine (102-71-6)  IARC group  2-Propanol (67-63-0)  IARC group  Ethanol (64-17-5)  IARC group  Reproductive toxicity  Specific target organ toxicity (single exposure)  Specific target organ toxicity (repeated exposure)  Aspiration hazard  Potential Adverse human health effects and	3  1 : Not classified : Not classified
IARC group  Triethanolamine (102-71-6)  IARC group  2-Propanol (67-63-0)  IARC group  Ethanol (64-17-5)  IARC group  Reproductive toxicity  Specific target organ toxicity (single exposure)  Specific target organ toxicity (repeated exposure)  Aspiration hazard  Potential Adverse human health effects and symptoms	3  1 : Not classified : Based on available data, the classification criteria are not met.
IARC group  Triethanolamine (102-71-6)  IARC group  2-Propanol (67-63-0)  IARC group  Ethanol (64-17-5)  IARC group  Reproductive toxicity	3  1 : Not classified : Not classified : Not classified : Not classified

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Polyethylene Glycol 200-600 (25322-68-3)	
LC50 fish 2	> 5000 mg/l (LC50; 24 h)
Threshold limit algae 2	500 mg/l (EC0; 720 h)
Ammonium Sulfate (7783-20-2)	
EC50 Daphnia 1	202 mg/l (EC50; 96 h)
LC50 fish 2	250 - 480 mg/l (LC50; 96 h; Brachydanio rerio)
EDTA Tetrasodium Salt (64-02-8)	
LC50 fish 1	> 100 mg/l (LC50)
Triethanolamine (102-71-6)	
LC50 fish 2	450 - 1000 mg/l (LC50; 96 h; Lepomis macrochirus)
Citric Acid (77-92-9)	
EC50 Daphnia 1	120 mg/l (EC50; 72 h)

14/09/2016 EN (English US) 6/15

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

coording to rederal Register / Vol. 77, No. 367 Mond	ay, maiorizo, zo iz / reaco and regulations	
Citric Acid (77-92-9)		
LC50 fish 2	1516 mg/l (LC50; 96 h)	
Threshold limit algae 2	640 mg/l (EC0; 168 h)	
Sodium Chloride (7647-14-5)		
LC50 fish 2	5840 mg/l (LC50; ASTM; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value)	
Threshold limit algae 2	2430 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 120 h; Algae; Static system; Fresh water; Experimental value)	
Methanol (67-56-1)		
LC50 fish 1	15400 mg/l (LC50; EPA 660/3 - 75/009; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value)	
EC50 Daphnia 1	> 10000 mg/l (EC50; DIN 38412-11; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)	
LC50 fish 2	10800 mg/l (LC50; 96 h; Salmo gairdneri)	
2-Propanol (67-63-0)		
LC50 fish 2	9640 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flow-through system; Fresh water; Experimental value)	
EC50 Daphnia 2	13299 mg/l (EC50; Other; 48 h; Daphnia magna)	
Ethanol (64-17-5)		
LC50 fish 2	13000 mg/l (LC50; 96 h; Salmo gairdneri; Static system; Fresh water)	
12.2. Persistence and degradability	10000 mgr (2000, 00 m, Camo garanon, Caaro System, 1100m mater)	
PURE CITRUS ORANGE CLEANER 32 FL.	07	
Persistence and degradability	Not established.	
2-Butoxyethanol (111-76-2)		
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air.	
Biochemical oxygen demand (BOD)	0.71 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	2.20 g O <sub>2</sub> /g substance	
ThOD BOD (% of ThOD)	2.305 g O <sub>2</sub> /g substance 0.31	
,		
Polyethylene Glycol 200-600 (25322-68-3)		
Persistence and degradability	Biodegradability in water: no data available. Not established.	
Nonyl Nonoxynol-5 (9014-93-1)	Motorstal Palacet	
Persistence and degradability	Not established.	
Water (7732-18-5)		
Persistence and degradability	Not established.	
Methyl Isobutyl Ketone (108-10-1)		
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Low potential for adsorption in soil. Photolysis in the air. Not established.	
Biochemical oxygen demand (BOD)	2.06 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	2.16 g O <sub>2</sub> /g substance	
ThOD	2.72 g O <sub>2</sub> /g substance	
BOD (% of ThOD)	0.76	
Dobanol Ethoxylates (68131-39-5)		
Persistence and degradability	Readily biodegradable in water.	
Ammonium Sulfate (7783-20-2)		
Persistence and degradability	Biodegradability in water: no data available.	
Poly(oxy-1,2-ethanediyl),a-sulfo-w-hydrox	ky-,c10-16-alkyl ethers, ammonium salts (67762-19-0)	
Persistence and degradability	Not established.	
EDTA Tetrasodium Salt (64-02-8)		
Persistence and degradability	No test data of component(s) available. No (test)data on mobility of the components available.	
Triethanolamine (102-71-6)		
Persistence and degradability	Readily biodegradable in water. Highly mobile in soil. Photolysis in the air.	
Biochemical oxygen demand (BOD)	0.02 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	1.50 g O <sub>2</sub> /g substance	
ThOD	2.04 g O <sub>2</sub> /g substance	
BOD (% of ThOD)	0.02	

14/09/2016 EN (English US) 7/15

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

CITRUS SPECIES PEEL EXTRACT (94266-47-4)		
Persistence and degradability	Not established.	
• •	THE COLUMNOTION.	
EUMULGIN RO 40 (61791-12-6)	Deadhab's demandable 's water No ((ast) data as such the second as a libit.	
Persistence and degradability	Readily biodegradable in water. No (test)data on mobility of the components available.	
PEG-10 COCOATE (61791-29-5)		
Persistence and degradability	Not established.	
PEG-3 COCAMIDE (61791-08-0)		
Persistence and degradability	Not established.	
Citric Acid (77-92-9)		
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the	
1 disistence and degradasinty	substance available.	
Biochemical oxygen demand (BOD)	0.420 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	0.728 g O <sub>2</sub> /g substance	
ThOD	0.686 g O <sub>2</sub> /g substance	
BOD (% of ThOD)	0.89 (20 days; Literature study)	
Sodium Hydroxide, Conc=50%, Aqueous		
Persistence and degradability	Not established.	
• •	1101 OSIGNIBITOG.	
Sodium Chloride (7647-14-5)	B) 1 1196 4 11 11 11 6 21 1 196 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.	
Biochemical oxygen demand (BOD)	Not applicable	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
Citrus Mixture (Mixture)		
Persistence and degradability	Not established.	
Methanol (67-56-1)		
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil.	
Biochemical oxygen demand (BOD)	0.6 - 1.12 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	1.42 g O <sub>2</sub> /g substance	
ThOD	1.5 g O <sub>2</sub> /g substance	
BOD (% of ThOD)	0.8 (Literature study)	
2-Propanol (67-63-0)		
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under	
1 disistence and degradasinty	anaerobic conditions. No (test)data on mobility of the substance available.	
Biochemical oxygen demand (BOD)	1.19 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	2.23 g O <sub>2</sub> /g substance	
ThOD	2.40 g O <sub>2</sub> /g substance	
Ethanol (64-17-5)		
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the	
1 crosserice and degradability	substance available.	
Biochemical oxygen demand (BOD)	0.8 - 0.967 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	1.70 g O <sub>2</sub> /g substance	
ThOD	2.10 g O <sub>2</sub> /g substance	
12.3. Bioaccumulative potential		
•	07	
PURE CITRUS ORANGE CLEANER 32 FL		
Bioaccumulative potential	Not established.	
2-Butoxyethanol (111-76-2)		
Log Pow	0.81 (Experimental value; BASF test; 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Polyethylene Glycol 200-600 (25322-68-3		
Log Pow	-1.2	
Bioaccumulative potential	Bioaccumulation: not applicable. Not established.	
Nonyl Nonoxynol-5 (9014-93-1)		
Bioaccumulative potential	Not established.	
'		
Water (7732-18-5)	Not catablished	
Bioaccumulative potential	Not established.	
Methyl Isobutyl Ketone (108-10-1)		
BCF fish 1	2 - 5 (BCF)	
14/09/2016	EN (English LIS)	

14/09/2016 EN (English US) 8/15

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Methyl Isobutyl Ketone (108-10-1)		
Log Pow	1.9 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500). Not established.	
Dobanol Ethoxylates (68131-39-5)		
Bioaccumulative potential	No bioaccumulation data available.	
Ammonium Sulfate (7783-20-2)		
Log Pow	-5.1	
Bioaccumulative potential	Bioaccumulation: not applicable.	
Poly(oxy-1,2-ethanediyl),a-sulfo-w-hydroxy-,	c10-16-alkyl ethers, ammonium salts (67762-19-0)	
Bioaccumulative potential	Not established.	
EDTA Tetrasodium Salt (64-02-8)		
Bioaccumulative potential	No test data of component(s) available.	
Triethanolamine (102-71-6)		
BCF fish 1	< <0.4-<3.9,BCF; OECD 305: Bioconcentration: Flow-Through Fish Test; 42 days; Cyprinus	
BOT HOLL	carpio; Flow-through system; Fresh water; Experimental value	
Log Pow	-2.3 - 1.34 (Weight of evidence approach; -1; QSAR)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
CITRUS SPECIES PEEL EXTRACT (94266-47-	4)	
Bioaccumulative potential	Not established.	
EUMULGIN RO 40 (61791-12-6)		
Bioaccumulative potential	No bioaccumulation data available.	
·		
PEG-10 COCOATE (61791-29-5)	Not established.	
Bioaccumulative potential	Not established.	
PEG-3 COCAMIDE (61791-08-0)	Tar	
Bioaccumulative potential	Not established.	
Citric Acid (77-92-9)		
BCF other aquatic organisms 1	3.2 (BCF; Other)	
Log Pow	-1.61 / -1.80,Experimental value; Other	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Sodium Hydroxide, Conc=50%, Aqueous Sol	ution (1310-73-2)	
Bioaccumulative potential	Not established.	
Sodium Chloride (7647-14-5)		
Log Pow	-3.0 (Calculated)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Citrus Mixture (Mixture)		
Bioaccumulative potential	Not established.	
Methanol (67-56-1)		
BCF fish 1	< 10 (BCF; 72 h; Leuciscus idus)	
Log Pow	-0.77 (Experimental value; Other)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
2-Propanol (67-63-0)		
Log Pow	0.05 (Weight of evidence approach; Other; 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Ethanol (64-17-5)		
Log Pow	-0.35 (Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask	
	Method; 24 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
12.4. Mobility in soil		
2-Butoxyethanol (111-76-2)		
Surface tension	0.027 N/m (25 °C)	
Methyl Isobutyl Ketone (108-10-1)		
Surface tension	0.024 N/m (20 °C)	
Log Koc	Koc,101.85; Weight of evidence; Calculated value; log Koc; 2.008; Weight of evidence; Calculated value	
Methanol (67-56-1)		
Surface tension	0.023 N/m (20 °C)	
	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	

14/09/2016 EN (English US) 9/15

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Methanol (67-56-1)		
Log Koc Koc,PCKOCWIN v1.66; 1; Calculated value		
2-Propanol (67-63-0)		
Surface tension 0.021 N/m (25 °C)		
Ethanol (64-17-5)		
Surface tension	0.0245 N/m (20 °C)	

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

# SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations

Ecology - waste materials

: Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations. . Dispose in a safe manner in accordance with local/national regulations.

: Avoid release to the environment.

### **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground): Not Regulated, ICAO/IATA (air): Not Regulated, IMO/IMDG (water): Not Regulated,

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

14.3. Additional information

Other information : No supplementary information available.

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### **Overland transport**

No additional information available

### Transport by sea

No additional information available

## Air transport

No additional information available

### **SECTION 15: Regulatory information**

15.1. US Federal regulations			
PURE CITRUS ORANGE CLEANER 32 FL.OZ.			
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard		
2-Butoxyethanol (111-76-2)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313			
SARA Section 311/312 Hazard Classes  Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard			
EDTA Tetrasodium Salt (64-02-8)			
SARA Section 311/312 Hazard Classes  Immediate (acute) health hazard Delayed (chronic) health hazard			
Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)			
Listed on the United States SARA Section 302 Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313			
SARA Section 311/312 Hazard Classes Immediate (acute) health hazard			
Citrus Mixture (Mixture)			

14/09/2016 EN (English US) 10/15

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Methanol (67-56-1)		
Subject to reporting requirements of United States SARA Section 313 Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on the United States SARA Section 302 Listed on the United States SARA Section 355		
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard	
2-Propanol (67-63-0)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Fire hazard	

### 15.2. International regulations

CANADA		
2-Butoxyethanol (111-76-2)		
Listed on the Canadian DSL (Domestic Substance	es List)	
Sodium Hydroxide, Conc=50%, Aqueous Soluti	on <b>(1310-73-2)</b>	
Listed on the Canadian DSL (Domestic Substance	es List)	
WHMIS Classification	Class E - Corrosive Material	
Citrus Mixture (Mixture)		
Listed on the Canadian DSL (Domestic Substances List)		
WHMIS Classification	Class B Division 3 - Combustible Liquid	
Methanol (67-56-1)		
Listed on the Canadian DSL (Domestic Substance	es List)	
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects	
2-Propanol (67-63-0)		
Listed on the Canadian DSL (Domestic Substances List)		
WHMIS Classification	Class B Division 2 - Flammable Liquid	

### **EU-Regulations**

2-Butoxyethanol	(111-76-2)
-----------------	------------

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)

### **Citrus Mixture (Mixture)**

## Methanol (67-56-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### 2-Propanol (67-63-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F; R11

Full text of R-phrases: see section 16

### 15.2.2. **National regulations**

### 2-Butoxyethanol (111-76-2)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Korean ECL (Existing Chemicals List)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

### Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)

### **Citrus Mixture (Mixture)**

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

14/09/2016 EN (English US) 11/15

# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Listed on the Canadian IDL (Ingredient Disclosure List)

### 2-Propanol (67-63-0)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on KECI (Korean Existing Chemicals Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

### 15.3. US State regulations

Proposition 65 - Carcinogens List	15.3. US State regulations				
U.S California - Proposition 65 - Developmental Toxicity V.S California - Proposition 65 - Reproductive Toxicity - Female  U.S California - Proposition 65 - Reproductive Toxicity - Male  State or local regulations  U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL)  2-Butoxyethanol (111-76-2)  U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL)  2-Butoxyethanol (111-76-2)  U.S California - Proposition 65 - Reproductive Toxicity - Reproductive Toxici	PURE CITRUS ORANGE CLEANER 32 FL.OZ.				
Toxicity   List - California - Proposition 65 - Reproductive   No	U.S California - Proposition 65 - Carcinogens List		No		
Toxicity - Female			No		
Toxicity - Male		n 65 - Reproductive	No		
U.S California - Proposition 65 - Pro		n 65 - Reproductive	No		
U.S California - Proposition 65 - Developmental Toxicity - Female Proposition 65 - Reproductive Toxicity - Female Proposition 65 - Reproductive Toxicity - Female Proposition 65 - Reproductive Toxicity - Male Proposition 65 - Reproductive Toxicity - Female Proposition 65 - Repro	State or local regulations		U.S California - Proposition 6	65 - Maximum Allowable Dose	Levels (MADL)
U.S California - Proposition 65 - Proposition 65 - Developmental Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Male   U.S California - Proposition 65 - Reproductive Toxicity - Male   U.S California - Proposition 65 - Reproductive Toxicity - Male   U.S California - Proposition 65 - Reproductive Toxicity - Male   U.S California - Proposition 65 - Reproductive Toxicity - Male   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S California - Proposition 65 - Reproductive Toxicity - Female   U.S	2-Butoxyethanol (111-76-2)				
Polyethylene Glycol 200-600 (25322-68-3)  U.S California - Proposition 65 - Proposition 65 - Proposition 65 - Developmental Toxicity - Female  No N	Proposition 65 -	Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	Non-significant risk level (NSRL)
U.S California - Proposition 65 - Developmental Toxicity   Proposition 65 - Proposition 65 - Developmental Toxicity   Proposition 65 - Proposition 65 - Developmental Toxicity   Proposition 65 -	No	No	No	No	
Proposition 65 - Carcinogens List  Proposition 65 - Developmental Toxicity  No  No  No  No  No  No  No  No  No  N		00 (25322-68-3)			
Nony   Nonoxynol-5 (9014-93-1)   U.S California - Proposition 65 - Proposition 65 - Developmental Toxicity   Proposition 65 - Proposition 65 - Proposition 65 - Developmental Toxicity   Proposition 65 - Pro	Proposition 65 -	Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	Non-significant risk level (NSRL)
U.S California - Proposition 65 - Proposition 65 - Developmental Toxicity  No N	No	No	No	No	
U.S California - Proposition 65 - Proposition 65 - Developmental Toxicity  No N	Nonyl Nonoxynol-5 (9014-9	3-1)		<u> </u>	
Water (7732-18-5) U.S California - Proposition 65 - Carcinogens List  No  No  No  No  No  No  No  No  No  N	Proposition 65 -	Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	Non-significant risk level (NSRL)
U.S California - Proposition 65 - Developmental Toxicity  No	No	No	No	No	
U.S California - Proposition 65 - Developmental Toxicity  No	Water (7732-18-5)				<u> </u>
Methyl Isobutyl Ketone (108-10-1)  U.S California - Proposition 65 - Carcinogens List  Pobanol Ethoxylates (68131-39-5)  U.S California - Proposition 65 - Carcinogens List  U.S California - Proposition 65 - Reproductive Toxicity - Female  U.S California - Proposition 65 - Proposition 65 - Reproductive Toxicity - Male  U.S California - Proposition 65 - Reproductive Toxicity - Reproductive Toxicity - Reproductive Toxicity - Male  No	U.S California - Proposition 65 -	Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	Non-significant risk level (NSRL)
U.S California - Proposition 65 - Carcinogens List  U.S California - Proposition 65 - Developmental Toxicity  No	No	No	No	No	
Proposition 65 - Carcinogens List  Proposition 65 - Developmental Toxicity  Proposition 65 - Reproductive Toxicity - Female  No	Methyl Isobutyl Ketone (108-10-1)				
Dobanol Ethoxylates (68131-39-5)  U.S California - Proposition 65 - Carcinogens List  No	Proposition 65 -	Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	Non-significant risk level (NSRL)
U.S California - Proposition 65 - Carcinogens List  U.S California - Proposition 65 - Developmental Toxicity  No	Yes	No	No	No	
Proposition 65 - Carcinogens List  Proposition 65 - Developmental Toxicity  No No No Proposition 65 - Reproductive Toxicity - Female  Proposition 65 - Reproductive Toxicity - Male  No No No No No No	Dobanol Ethoxylates (68131-39-5)				
Ammonium Sulfate (7783-20-2)	U.S California - Proposition 65 -	U.S California - Proposition 65 -	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	Non-significant risk level (NSRL)
,	No	No	No	No	
,	Ammonium Sulfate (7783-20-2)				·
Proposition 65 - Carcinogens List  O.S California - Proposition 65 - Developmental Toxicity  Proposition 65 - Reproductive Toxicity - Female  O.S California - Proposition 65 - Reproductive Toxicity - Male  Non-significant risk lev (NSRL)	U.S California - Proposition 65 -	U.S California - Proposition 65 -	Reproductive Toxicity -	Reproductive Toxicity -	Non-significant risk level (NSRL)
No No No	No	No	No	No	

EN (English US) 14/09/2016 12/15

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Poly(oxy-1,2-ethanediyl)	,a-sulfo-w-hydroxy-,c10-16-al	kyl ethers, ammonium salts (	67762-19-0)	
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	
		Female	Male	
No	No	No	No	
EDTA Tetrasodium Salt	(64-02-8)			
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	, , ,
		Female	Male	
No	No	No	No	
Triethanolamine (102-71	-6)	_		
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	
		Female	Male	
No	No	No	No	
CITRUS SPECIES PEEL	EXTRACT (94266-47-4)			
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	
		Female	Male	
No	No	No	No	
EUMULGIN RO 40 (6179	1-12-6)			
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	
		Female	Male	
No	No	No	No	
PEG-10 COCOATE (6179	1-29-5)			
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	(**************************************
· ·	,	Female	Male	
No	No	No	No	
PEG-3 COCAMIDE (6179	11-08-0)			
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	(110112)
3		Female	Male	
No	No	No	No	
Citric Acid (77-92-9)				
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	(110112)
<b>5</b> 7-	,	Female	Male	
No	No	No	No	
Sodium Hydroxide Con	c=50%, Aqueous Solution (131	0-73-2)		
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	(,
<b>3</b>	,	Female	Male	
No	No	No	No	
Sodium Chloride (7647-1	14-5)			
U.S California -	U.S California -	U.S California -	U.S California -	Non-significant risk level
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	( /
		Female	Male	
No	No	No	No	
INU	INO	140	INO	

14/09/2016 EN (English US) 13/15

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Citrus Mixture (Mixture	2)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
Methanol (67-56-1)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	Yes	No	No	
2-Propanol (67-63-0)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
Ethanol (64-17-5)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
2 Butayyathanal /111 7	20.0)			

### 2-Butoxyethanol (111-76-2)

### State or local regulations

- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. New Jersey Right to Know Hazardous Substance List

### Methyl Isobutyl Ketone (108-10-1)

### State or local regulations

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

### Sodium Hydroxide, Conc=50%, Aqueous Solution (1310-73-2)

# State or local regulations

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List U.S. Pennsylvania RTK (Right to Know) Special Hazardous Substances
- Rhode Island Right to Know

## Methanol (67-56-1)

### State or local regulations

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

New Jersey Right-to-Know

Florida Right to Know

U.S. - Massachusetts - Right To Know List

U.S. - Pennsylvania - RTK (Right to Know) List

### 2-Propanol (67-63-0)

### State or local regulations

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

### **SECTION 16: Other information**

Other information : None.

Full text of H-phrases:

At of 11-philases.	
H225	Highly flammable liquid and vapor
H227	Combustible liquid
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin

14/09/2016 EN (English US) 14/15

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H350	May cause cancer
H370	Causes damage to organs
H401	Toxic to aquatic life

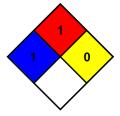
NFPA health hazard : 1 - Exposure could cause irritation but only minor residual

injury even if no treatment is given.

NFPA fire hazard : 1 - Must be preheated before ignition can occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions,

and are not reactive with water.



### **HMIS III Rating**

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 1 Slight Hazard
Physical : 0 Minimal Hazard

Personal Protection : B

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.

14/09/2016 EN (English US) 15/15