



## Complex Defoamed additive for single stage heat treated surfaces

Revision: 2025-03-27

Version: 04.0

### 1. IDENTIFICATION

**Product name:** Complex  
Defoamed additive for single stage heat treated surfaces

**MS0800060**

**Recommended use:**

- Industrial/Institutional
- Professional cleaning/maintenance product for food & beverage industries
- This product is intended to be diluted prior to use

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**

|  |   |
|--|---|
| US Headquarters<br>Diversey, Inc.<br>1300 Altura Rd., Suite 125<br>Fort Mill, SC 29708<br>Phone: 1-888-352-2249<br>SDS Internet Address: <a href="https://sds.diversey.com">https://sds.diversey.com</a> | Canadian Headquarters<br>Diversey Canada, Inc.<br>6150 Kennedy Road Unit 3<br>Mississauga, Ontario L5T 2J4<br>Phone: 1-800-668-7171 |
|--|---|

**Emergency telephone number:** 1-800-851-7145; 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

Acute toxicity, inhalation, Category 4  
 Specific target organ toxicity (repeated exposure), Category 2  
 Skin irritation, Category 2  
 Eye irritation, Category 2A  
 Corrosive to metals, Category 1

**Signal word:****Warning.**

#### Hazard Statements

**CAUSES SKIN AND SERIOUS EYE IRRITATION. HARMFUL IF INHALED. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE. MAY BE CORROSIVE TO METALS.**

#### Precautionary Statements

Keep container tightly closed. Keep only in original container. Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Use only in a well-ventilated area. Wear chemical-splash goggles and chemical-resistant gloves. Drink a cupful of milk or water. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice or attention. Call a Poison Center (1-800-851-7145) or physician if you feel unwell. Take off contaminated clothing and wash it before reuse. Absorb spillage to prevent material damage. Store in corrosive-resistant container with a resistant inner liner. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

**Classification for the diluted product** 2%

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

**Hazard and Precautionary Statements**

None required.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Classified Ingredients**

| Ingredient(s)                     | CAS #     | Weight %   |
|-----------------------------------|-----------|------------|
| Tetrasodium salt of EDTA          | 64-02-8   | 10 - 30%   |
| EDTA acid, tetrapotassium salt    | 5964-35-2 | 7 - 13%    |
| Sodium xylene sulfonate           | 1300-72-7 | 1 - 5%     |
| Sodium hydroxide                  | 1310-73-2 | 1 - 5%     |
| Potassium Metasilicate            | 1312-76-1 | > 0.1 - 1% |
| Phosphoric acid, dipotassium salt | 7758-11-4 | > 0.1 - 1% |

**4. FIRST AID MEASURES****Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash with plenty of water for at least 15 minutes.

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

**Ingestion:** Rinse mouth with water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

**Diluted Product:**

**Eyes:** Rinse with plenty of water.

**Skin:** No specific first aid measures are required

**Inhalation:** No specific first aid measures are required

**Ingestion:** IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

**5. FIRE-FIGHTING MEASURES**

**Specific methods:** No special methods required

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:** Corrosive material (See sections 8 and 10).

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

**7. HANDLING AND STORAGE**

**Handling:** Can react to release hazardous gases. May vigorously react with acids resulting in spattering and excessive heat. Do not mix with other products or chemicals except as directed on the label. Mix only with water. Absorb spillage to prevent material damage. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and

residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use.  
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Store in corrosive-resistant container with a resistant inner liner.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines:

| Ingredient(s)    | ACGIH                         | OSHA                      |
|------------------|-------------------------------|---------------------------|
| Sodium hydroxide | 2 mg/m <sup>3</sup> (Ceiling) | 2 mg/m <sup>3</sup> (TWA) |

### Undiluted Product:

#### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

### Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

|                                  |  |
|----------------------------------|--|
| <b>Eye protection:</b>           | Chemical-splash goggles.   |
| <b>Hand protection:</b>          | Chemical-resistant gloves.   |
| <b>Skin and body protection:</b> | If major exposure is possible, wear suitable protective clothing and footwear.   |
| <b>Respiratory protection:</b>   | In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice.   |

### Diluted Product:

#### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

### Personal Protective Equipment

|                                  |  |
|----------------------------------|--|
| <b>Eye protection:</b>           | No personal protective equipment required under normal use conditions. |
| <b>Hand protection:</b>          | No personal protective equipment required under normal use conditions. |
| <b>Skin and body protection:</b> | No personal protective equipment required under normal use conditions. |
| <b>Respiratory protection:</b>   | No personal protective equipment required under normal use conditions. |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical State

Liquid

**Evaporation Rate:** No information available

**Odor threshold:** No information available.

**Melting point/freezing point (°C):** Not determined

**Autoignition temperature:** No information available

**Solubility in other solvents:** No information available

**Density:** 1.318 Kg/L

**Bulk density:** No information available

**Flash point (°F):** > 200.1 °F > 93.4 °C

**Kinematic viscosity** No information available

**VOC:** 0 % \*

**Flammability (Solid or Gas):** Not applicable

**Sustained combustion:** Not applicable

**Explosion limits: - upper:** Not determined **- lower:** Not determined

**Color:** Clear , Pale , Yellow

**Odor:** No Odor/Odorless

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined

**Solubility:** Completely Soluble

**Relative Density (relative to water):** 1.32

**Vapor density:** No information available

**Vapor pressure:** No information available.

**Partition coefficient (n-octanol/water):** No information available

**Elemental Phosphorus:** 0.33 % by wt.

**pH:** > 11

**Corrosion to metals:** Metal corrosive

**Dilution pH:** > 11

**Dilution Flash Point (°F):** > 200.1 °F > 93.4 °C

**VOC % by wt. at use dilution:** 0.0 %

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not Applicable

**Complex**

**Defoamed additive for single stage heat treated surfaces**

|  |  |
|--|--|
| <b>Stability:</b>                          | The product is stable  |
| <b>Possibility of hazardous reactions:</b> | May vigorously react with acids resulting in spattering and excessive heat.                                |
| <b>Hazardous decomposition products:</b>   | None reasonably foreseeable.   |
| <b>Materials to avoid:</b>                 | Acids. Strong acids. Do not mix with any other product or chemical unless specified in the use directions. |
| <b>Conditions to avoid:</b>                | None known.  |

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Inhalation

### Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.

**Eye contact:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.

**Ingestion:** Symptoms may include stomach pain and nausea. May be irritating to mouth, throat and stomach.

**Inhalation:** Symptoms may include coughing and difficulty breathing. Harmful if inhaled. May be irritating to nose, throat, and respiratory tract.

**Sensitization:** No known effects.

**Target Organs (SE):** None known

**Target Organs (RE):**

### Numerical measures of toxicity

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Mobility:** No information available.

**Other adverse effects** No other adverse effects known.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products (undiluted product):** This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Waste from residues / unused products (diluted product):** This product, when diluted as stated on this SDS, is a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** D002 Corrosive Waste

**RCRA Hazard Class (diluted product):** D002 Corrosive Waste

**Contaminated Packaging:** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

**DOT (Ground) Bill of Lading Description:** UN1760, CORROSIVE LIQUID, N.O.S., (sodium hydroxide, ethylenediamine tetraacetic acid

tetrasodium salt), 8, III

**IMDG (Ocean) Bill of Lading Description:** UN1760, CORROSIVE LIQUID, N.O.S., (sodium hydroxide, ethylenediamine tetraacetic acid tetrasodium salt), 8, III

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

TSCA

All components are listed or otherwise exempt

DSL

All components are listed on DSL/NDSL or otherwise exempt.

### US RIGHT TO KNOW (RTK)

| Ingredient(s)                  | CAS #       | MARTK: | NJRTK: | PARTK: | RIRTK: |
|--------------------------------|-------------|--------|--------|--------|--------|
| Water                          | 7732-18-5   | -      | -      | -      | -      |
| Tetrasodium salt of EDTA       | 64-02-8     | -      | -      | -      | -      |
| EDTA acid, tetrapotassium salt | 5964-35-2   | -      | -      | -      | -      |
| Phosphate ester potassium salt | Proprietary | -      | -      | -      | -      |
| Sodium xylene sulfonate        | 1300-72-7   | -      | -      | -      | -      |
| Sodium hydroxide               | 1310-73-2   | X      | X      | X      | X      |

### CERCLA/ SARA

| Ingredient(s)    | CAS #     | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|------------------|-----------|----------|----------------------|-----------------------|-------------|
| Sodium hydroxide | 1310-73-2 | 1 - 5%   | 1000                 |                       |             |

### Canadian Regulations

## 16. OTHER INFORMATION

### NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 2

Flammability 0

Instability 0

Special Hazards -

### Diluted Product:

Health 0

Flammability 0

Instability 0

Special Hazards -

Revision: 2025-03-27

Version: 04.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

• Does not contain an added fragrance

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