



Suma® Supreme™/MC Pot and Pan Detergent

Version Number: 1

Preparation date: 2018-07-17

1. IDENTIFICATION

Product name: Suma® Supreme™/MC
Pot and Pan Detergent
5210091, 94977476
MS0801328

Product Code:

SDS #:

Recommended use:

- Industrial/Institutional
- Warewashing product
- 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 Diversey, Inc. 2415 Cascade Pointe Blvd. Charlotte, NC 28208 Phone: 1-888-352-2249 SDS Internet Address: https://sds.diversey.com | Canadian Headquarters Diversey Canada, Inc. 3755 Laird Road Units 8-11 Mississauga, Ontario L5L 0B3 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

| | |
|--|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Specific target organ toxicity (single exposure) | Category 3 |

**Signal Word:****Danger.**

Hazard and Precautionary Statements

MAY CAUSE RESPIRATORY IRRITATION. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE.

Causes burns/ serious damage to mouth, throat and stomach. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Use only in a well-ventilated area. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. 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. Immediately call a Poison Center (1-800-851-7145) or physician. Take off contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep container tightly closed. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product

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).

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

| Ingredient(s) | CAS # | Weight % |
|-------------------------------------|--------------|-----------------|
| Dodecylbenzene sulfonic acid | 68584-22-5 | 20 - 30% |
| Propylene glycol | 57-55-6 | 10 - 20% |
| Sodium methyl ester and fatty acids | 149458-07-1 | 5 - 10% |
| Alcohol ethoxylates | 68439-46-3 | 5 - 10% |
| Alkyl poly glycoside | 110615-47-9 | 5 - 10% |
| Ammonium laureth sulfate | 67762-19-0 | 5 - 10% |
| Sodium xylene sulfonate | 1300-72-7 | 1 - < 3% |
| Ethyl alcohol | 64-17-5 | 1 - < 3% |
| Magnesium oxide | 1309-48-4 | 1 - < 3% |
| Sodium chlorite | 7758-19-2 | < 0.1% |

*Exact percentages are being withheld as trade secret information

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.

Skin: IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

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

Ingestion: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

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: No specific first aid measures are required

5. FIRE-FIGHTING MEASURES

Specific methods:

No special methods required

Suitable extinguishing media:

Not applicable.

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: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. 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: Keep tightly closed in a dry, cool and well-ventilated place.

Aerosol Level (if applicable) : Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

| Ingredient(s) | CAS # | ACGIH | OSHA |
|-----------------|-----------|----------------------------|--|
| Ethyl alcohol | 64-17-5 | 1000 ppm (STEL) | 1000 ppm (TWA) 1900 mg/m ³ (TWA) |
| Magnesium oxide | 1309-48-4 | 10 mg/m ³ (TWA) | 15 mg/m ³ (TWA) |

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

| | |
|----------------------------------|---|
| Eye protection: | Chemical-splash goggles. |
| Hand protection: | Chemical-resistant gloves. |
| Skin and body protection: | Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear. |
| Respiratory protection: | No personal protective equipment required under normal use conditions. |
| Hygiene measures: | 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

| | |
|----------------------------------|--|
| Eye protection: | No special requirements under normal use conditions. |
| Hand protection: | No special requirements under normal use conditions. |
| Skin and body protection: | No special requirements under normal use conditions. |
| Respiratory protection: | No special requirements under normal use conditions. |
| Hygiene measures: | 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/range: Not determined

Autoignition temperature: No information available

Solubility in other solvents: No information available

Density: 9.12 lbs/gal 1.093 Kg/L

Bulk density: No information available

Flash point (°F): > 199.4 °F > 93 °C

Viscosity: 347 cP

VOC: 2.3 % *

Flammability (Solid or Gas): Not applicable

Sustained combustion: Not applicable

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

Color: Clear Dark Blue

Odor: Floral

Boiling point/range: Not determined

Decomposition temperature: Not determined

Solubility: Completely Soluble

Relative Density (relative to water): 1.093

Vapor density: No information available

Vapor pressure: No information available.

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

Elemental Phosphorus: 0.00 % by wt.

pH: 6.44

Corrosion to metals: Not corrosive

Dilution pH: 6.37

Dilution Flash Point (°F): > 199.4 °F > 93 °C

VOC % by wt. at use dilution 0.004

* - 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 |
| Stability: | The product is stable |
| Hazardous decomposition products: | None reasonably foreseeable. |

Materials to avoid:
Conditions to avoid:

Do not mix with any other product or chemical unless specified in the use directions.
No information available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

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: Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

Ingestion: Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

Sensitization: No known effects.

Target Organs (SE): No information available

Target Organs (RE): None known

Numerical measures of toxicity

ATE - Oral (mg/kg): 2400

ATE - Dermal (mg/kg): >5000

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products (undiluted product): This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). 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 not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). 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): Not Regulated

RCRA Hazard Class (diluted product): Not Regulated

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

RIGHT TO KNOW (RTK)

| Ingredient(s) | CAS # | MARTK: | NJRTK: | PARTK: | RIRTK: |
|-------------------------------------|--------------|---------------|---------------|---------------|---------------|
| Water | 7732-18-5 | - | - | - | - |
| Dodecylbenzene sulfonic acid | 68584-22-5 | - | - | - | - |
| Propylene glycol | 57-55-6 | - | X | X | - |
| Sodium methyl ester and fatty acids | 149458-07-1 | - | - | - | - |
| Alcohol ethoxylates | 68439-46-3 | - | - | - | - |
| Alkyl poly glycoside | 110615-47-9 | - | - | - | - |
| Ammonium laureth sulfate | 67762-19-0 | - | - | - | - |
| Sodium xylene sulfonate | 1300-72-7 | - | - | - | - |
| Ethyl alcohol | 64-17-5 | X | X | X | - |
| Magnesium oxide | 1309-48-4 | X | X | X | - |
| Sulfuric acid | 7664-93-9 | X | X | X | X |
| Sodium chlorite | 7758-19-2 | X | X | X | - |

CERCLA/ SARA

| Ingredient(s) | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|----------------------|--------------|-----------------|-----------------------------|------------------------------|--------------------|
| Sulfuric acid | 7664-93-9 | > 0.1 - < 1% | 1000 | 1000 | X |

Canadian Regulations

| Ingredient(s) | CAS # | NPRI |
|----------------------|--------------|-------------|
| Ethyl alcohol | 64-17-5 | X |
| Sulfuric acid | 7664-93-9 | X |

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

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

Health 3

Flammability 0

Instability 0

Diluted Product:

Health 0

Flammability 0

Instability 0

Version Number: 1

Preparation date: 2018-07-17

Reason for revision:

Not applicable

Prepared by:

NAPRAC

Additional advice:

• Contains an added fragrance, see "Odor" heading in section 9 for specific description

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is 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.