



## Suma Shine Portion Pak

Version Number: 1

Preparation date: 2014-09-11

### 1. IDENTIFICATION

**Product name:** Suma Shine Portion Pak  
**Product Code:** 94622384  
**SDS #:** MS0800509  
**Recommended use:**

- 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:** Canadian Headquarters  
 Diversey, Inc. - Canada  
 3755 Laird Road  
 Mississauga, Ontario L5L 0B3  
 Phone: 1-800-668-3131  
 US Headquarters  
 Diversey, Inc.  
 8310 16th St.  
 Sturtevant, Wisconsin 53177-1964  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.diversey.com

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

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

Skin corrosion/irritation Category 1B  
 Serious eye damage/eye irritation Category 1



**Signal Word:** Danger

#### Precautionary Statements

##### **CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE.**

Causes burns/ serious damage to mouth, throat and stomach. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Do not breathe dust. Wash affected areas thoroughly after handling. Wear chemical-splash goggles, chemical-resistant gloves and protective footwear. 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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. 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. Wash contaminated clothing before reuse. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: Do not mix with other products or chemicals except in the dishwashing machine as directed. Do not mix with chlorinated products. Reseal container to prevent moisture contamination. Do not get water inside container. Do not store in strong sunlight for prolonged periods or in heat above 120 °F (49 °C).

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

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

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**Classification for the diluted product @ 1:66**

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

**Precautionary Statements**

None required.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Classified Ingredients**

Ingredient(s)	CAS #	Weight %
Sodium carbonate	497-19-8	30 - 40%
Tetrasodium salt of EDTA	64-02-8	20 - 30%
sodium percarbonate	15630-89-4	20 - 30%
Sodium metasilicate	6834-92-0	10 - 20%
White mineral oil	8042-47-5	1% - < 3%
Linear alkyl benzene sulfonates	68081-81-2	1% - < 3%

\*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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**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.

**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. If irritation occurs and persists, get medical attention.

**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

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

**Ingestion:** Rinse mouth with water.

### 5. FIRE-FIGHTING MEASURES

**Specific methods:**

No special methods required

**Suitable extinguishing media:**

Flood with water.

**Specific hazards:**

Material can decompose releasing oxygen when damp or exposed to storage conditions greater than 120°F (49°C). Decomposition releases oxygen, which may intensify fire.

**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:**

If spilled: Sweep up and place in vented container for disposal. If material is damp or wet, do not reseal container. If possible, isolate container in open air or well ventilated area. Immediately dispose of wet or damaged packages/pallets. Flood area with large volumes of water.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing dust. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Do not mix with other products or chemicals except in the dishwashing machine as directed. Reseal container to prevent moisture contamination. Do not get water inside container. If water gets into the container, do not reseal. Remove wet product from container and properly dispose of material. (See Section 6.). FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**

Store in a cool, dry place out of direct sunlight. Do not tightly stack or store with incompatible materials such as combustible, oxidizable or acidic substances. TEMPERATURE WARNING: Material can decompose releasing oxygen when damp or exposed to conditions greater than 120F (49C) which can cause fire.

**WAREHOUSING:**

- Keep container tightly sealed.
- Do not double stack pallets.
- Do not store or ship near flammables, oxidizers or acids.
- Do not expose to heat greater than 120F (49C).
- Immediately dispose of wet or damaged packages or pallets.

**Aerosol Level (if applicable) :** Not applicable

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Ingredient(s)	CAS #	ACGIH	OSHA
Sodium carbonate	497-19-8	-	-
Tetrasodium salt of EDTA	64-02-8	-	-
sodium percarbonate	15630-89-4	-	-
Sodium metasilicate	6834-92-0	-	-
White mineral oil	8042-47-5	-	-
Linear alkyl benzene sulfonates	68081-81-2	-	-

**Undiluted Product:****Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels Respiratory protection is not required if good ventilation is maintained.

**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:**

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.

**Hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice.

**Diluted Product:****Personal Protective Equipment****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:** Powder

**Color:** Opaque, White

**Evaporation Rate:** No information available

**Odor:** No Odor/Odorless

**Odor threshold:** No information available.

**Boiling point/range:** Not determined

**Melting point/range:** Not determined

**Decomposition temperature:** Not determined

**Autoignition temperature:** No information available  
**Solubility in other solvents:** No information available  
**Density:** No information available.  
**Bulk density:** 1.01  
**Flash point:** NA  
**Dilution Flash Point:** NA  
**Elemental Phosphorus:** 0 % by wt.  
**pH:** No information available  
**Dilution pH:** 10.9 @ 1:66  
**Metal Corrosion:** Not determined  
**Explosion limits:** - upper: Not determined - lower: Not determined

**Solubility:** Completely Soluble  
**Relative Density (relative to water):** No information available  
**Vapor density:** No information available  
**Vapor pressure:** No information available.  
**Partition coefficient (n-octanol/water):** No information available  
**Viscosity:** No information available  
**VOC:** 0 % \*  
**VOC % by wt. at use dilution** 0 % \*  
**Flammability (Solid or Gas):** Not applicable

\* - 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:** Stable under recommended storage conditions Unstable at elevated temperatures and pressures  
**Hazardous decomposition products:** Oxygen.  
**Materials to avoid:** Strong acids. Reducing agents. Flammable materials. Do not mix with chlorinated products (such as bleach).  
**Conditions to avoid:** Strong sunlight for prolonged periods. Prolonged exposure to heat above 120 °F (49 °C). Do not get water inside container.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure:**  
Eye contact, Skin contact, Inhalation, Ingestion

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

**Skin contact:** Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

**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.

### Numerical measures of toxicity

<b>ATE - Oral (mg/kg):</b>	2000
<b>ATE - Inhalatory, mists (mg/l):</b>	5.3
<b>Percentage of unknown Acute Toxicity</b>	2.106

## 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:** This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. 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.

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

**RCRA Hazard Class (undiluted product):** Not Regulated

RCRA Hazard Class (diluted product): Not Regulated

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, only available through Internet Explorer, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** LTD. QTY.

**IMDG (Ocean) Bill of Lading Description:** UN3253, DISODIUM TRIOXOSILICATE MIXTURE, 8, III, LTD. QTY.

**Special Instructions:** TEMPERATURE WARNING: Material can decompose releasing oxygen when damp or exposed to conditions greater than 120 °F (49 °C) which can cause fire.

AIR SHIPMENT IS PROHIBITED.

MARINE SHIPMENT: CONTAINERIZED SHIPMENT IS PROHIBITED. Do not ship below deck.

TRANSPORTATION:

- Keep container tightly sealed.
- Do not double stack pallets.
- Do not store or ship near flammables, oxidizers or acids.
- Do not expose to heat greater than 120F (49C).
- Immediately dispose of wet or damaged packages or pallets

## 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).

### U.S. Regulations

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65.

### RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Sodium carbonate	497-19-8	-	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-
sodium percarbonate	15630-89-4	-	-	-	-
Sodium metasilicate	6834-92-0	-	-	-	-
Coating	Proprietary	-	-	-	-
White mineral oil	8042-47-5	X	X	-	-
Linear alkyl benzene sulfonates	68081-81-2	-	-	-	-

### CERCLA/ SARA

#### SARA 311/312 Hazard Categories

Immediate: X  
Delayed: -  
Fire: -  
Reactivity: X  
Sudden Release of Pressure: -

### Canada

Ingredient(s)	CAS #	NPRI
White mineral oil	8042-47-5	X

## 16. OTHER INFORMATION

### NFPA (National Fire Protection Association)

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

**Health 3**  
**Flammability 0**  
**Instability 2**

**Version Number:** 1  
**Preparation date:** 2014-09-11

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** • Does not contain an added fragrance

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