



Dish Dip (SUMA)

HMIS		NFPA	Personal protective equipment		
Health	3	3			
Fire Hazard	0	0			
Reactivity	0	0			

Version Number: 2

Preparation date: 2005-11-17

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Dish Dip (SUMA)
MSDS #: MS0100425
Product code: 4114531
Recommended use: Industrial/Institutional. Warewashing product.

Manufacturer, importer, supplier:
 US Headquarters: JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-0902
 Phone: 1-888-352-2249
 MSDS Internet Address: www.johnsondiversev.com
 Canadian Headquarters: JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. OXIDIZER . CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE . Do not mix with any other product or chemical.

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Skin contact: Corrosive. May cause permanent damage.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium perborate	10332-33-9	20 - 30%	Not available	Not available	Not available
Sodium metasilicate	6834-92-0	30 - 40%	1153 mg/kg (rat)	Not available	Not available
Tetrasodium pyrophosphate	7722-88-5	1 - 5%	4 g/kg (rat)	Not available	Not available
Sodium carbonate	497-19-8	10 - 20%	4090 mg/kg (rat)	Not available	Not available

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
Inhalation: If breathing is affected, remove to fresh air. Get medical attention.
Ingestion: If swallowed, give a cupful of water or milk . DO NOT induce vomiting unless directed to do so by medical personnel . Never give anything by mouth to an unconscious person. Get medical attention immediately.
Aggravated Medical Conditions: None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.
Specific hazards: Oxidizer . Decomposition releases oxygen, which may intensify fire .
Unusual hazards: Corrosive material (See sections 8 and 10). Oxidizer .

Specific methods: No special methods required

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: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Do not breathe dust. Remove and wash contaminated clothing and footwear before re-use. OXIDIZER . CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE . Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

In processes where dusts or airborne particulates may be generated, proper ventilation must be provided in accordance with good ventilation practices .

Personal Protective Equipment

Eye protection: Chemical splash goggles.
Hand protection: Chemical resistant gloves Includes rubber gloves
Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: Do not breathe dust or spray mist. In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Sodium perborate	10332-33-9	6 mg/m ³ (STEL) 2 mg/m ³ (TWA)		
Tetrasodium pyrophosphate	7722-88-5	5 mg/m ³ (TWA)		

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	Bulk density:	No information available
pH:	No information available	Dilution pH:	11.6
Appearance:	Powder	Vapor density:	No information available
Color:	White	Evaporation rate:	No information available
Odor:	Odorless	Boiling point/range:	Not determined
Specific gravity:	No information available	Melting point/range:	Not determined
Density:	0.899 g/ml	Decomposition temperature:	Not determined
VOC:	0.09	Autoignition temperature:	No information available
Flash point:	>200 (°F) >93.3 (°C)	Viscosity:	No information available
Solubility:	Soluble	Partition coefficient (n-octanol/water):	No information available
		Solubility in other solvents:	No information available

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerisation does not occur.
Hazardous decomposition products: Oxygen.
Materials to avoid: Strong acids. Reducing agents .
Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition. Do not mix with any other product or chemical .

11. TOXICOLOGICAL INFORMATION

Acute toxicity Corrosive
Component Information: See Section 3
Chronic toxicity: None known

Specific effects

Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products:**

Undiluted product is regulated under environmental and transportation laws as a corrosive waste . Dispose of according to all federal, state and local applicable regulations .

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION**International Inventories**

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

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Sodium perborate	10332-33-9	-	-	-	-	-	-
Sodium metasilicate	6834-92-0	-	-	-	-	-	-
Tetrasodium pyrophosphate	7722-88-5	Listed	Listed	Listed	Listed	-	-
Sodium tripolyphosphate	7758-29-4	Listed	Listed	Listed	-	-	Listed
Sodium carbonate	497-19-8	-	-	-	-	-	-

CERCLA / SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium tripolyphosphate	7758-29-4	20 - 30%	5000		

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: C Oxidizing materials , E Corrosive material .

**16. OTHER INFORMATION**

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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