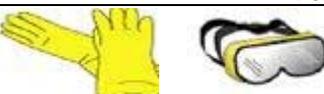


MATERIAL SAFETY DATA SHEET

(file not Found D:\Program Files\Wercs50\graphics\WA Graphics\Logo JD Tag1.wmf)

(file not Found D:\Program Files\Wercs50\graphics\WA Graphics\SumaLogo1.wmf)

NuWare (SUMA)

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

Version Number: 3

Preparation date: 2005-05-20

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: NuWare (SUMA)

MSDS #: F-00537001

Product code: 3365347

Recommended use: 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.johnsondiversey.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
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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 SEVERE EYE, SKIN AND DIGESTIVE TRACT BURNS. HARMFUL IF SWALLOWED OR INHALED.

Principle routes of exposure:	Eyes. Skin. Inhalation. Ingestion.
Skin contact:	Corrosive. May cause permanent damage.
Eye contact:	Corrosive. Causes permanent eye damage, including blindness.
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	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium carbonate	497-19-8	40 - 50%	4090 mg/kg (rat)	Not available	Not available
Sodium metasilicate	6834-92-0	20 - 30%	1153 mg/kg (rat)	Not available	Not available
Sodium perborate	10332-33-9	30 - 40%	Not available	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 immediately.
Inhalation:	If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion:	Do not induce vomiting. Immediately drink one cupful of water or milk. Get medical attention immediately.
Notes to physician:	Treat symptomatically.
Aggravated Medical Conditions:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	The product is not flammable. Use dry chemical, CO ₂ , water spray or "alcohol" foam.
Specific hazards:	None known.
Unusual hazards:	Corrosive material (See sections 8 and 10).
Specific methods:	No special methods required.
Autoignition temperature:	No information available.

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. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin, eyes and clothing. Do not taste or swallow. Do not breathe dust. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. 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:
No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection: 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: In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures: Keep away from food, drink and animal feeding stuffs . Handle in accordance with good industrial hygiene and safety practice . Avoid contact with skin, eyes and clothing .

Ingredient	CAS #	ACGIH	OSHA	Mexico
Sodium perborate	10332-33-9	6 mg/m ³ (STEL) 2 mg/m ³ (TWA)		

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	Appearance:	Powder
Color:	White	Boiling point/range:	Not determined
Odor:	Odorless	Melting point/range:	Not determined
Specific gravity:	No information available	pH:	No information available
Dilution pH:	10.8 @ 1%	Density:	0.9
Bulk density:	No information available	Decomposition temperature:	Not determined
Vapor density:	No information available	Autoignition temperature:	No information available
Evaporation rate:	No information available	Solubility:	Soluble
Solubility in other solvents:	No information available	VOC:	0%
Viscosity:	No information available	Flash point:	Not applicable
Partition coefficient (n-octanol/water):	No information available		

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions..
Polymerization: Hazardous polymerisation does not occur.
Hazardous decomposition products: None known .
Materials to avoid: Acids.
Conditions to avoid: No special storage conditions required.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be between 400 - 2000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg.
Component Information: See Section 3
Chronic toxicity: None known
Specific effects
Carcinogenic effects: No information available.
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: no data available.

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), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Japan (ENCS), China (IECSC).

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	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Sodium carbonate	497-19-8	-	-	-	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-	-	-
Sodium metasilicate	6834-92-0	-	-	-	-	-	-
Sodium perborate	10332-33-9	-	-	-	-	-	-
Benzene sulfonic acid mono derivs C10-16 alkyl, sodium salt	68081-81-2	-	-	-	-	-	-

CERCLA / SARA

Canada

WHMIS hazard class: E Corrosive material .



16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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