

Unirinse (SUMA)

HMIS		NFPA	Personal protective equipment
Health	2	2	None Required
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 2

Preparation date: 2004-07-14

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Unirinse (SUMA)
MSDS #: F-00568001
Product code: 3365731
Recommended use: Warewashing product.

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

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

CAUTION. CONCENTRATE . CAUSES EYE IRRITATION .

Principle routes of exposure: Eyes. Skin. Inhalation. Ingestion.
Skin contact: May be mildly irritating to skin .
Eye contact: Moderately irritating to the eyes.
Inhalation: May be irritating to nose, throat, and respiratory tract .
Ingestion: May be irritating to mouth, throat and stomach .

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Linear alcohol alkoxyate	68987-81-5	10 - 20%	Not available	Not available	Not available

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water . If irritation persists, get medical attention .
Skin contact: Flush immediately with plenty of water . If irritation persists, get medical attention .
Inhalation: If breathing is affected, remove to fresh air . Get medical attention .
Ingestion: Immediately drink one cupful of water or milk . Never give anything by mouth to an unconscious person.
 Get medical attention .
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, CO2, water spray or "alcohol" foam.
Specific hazards: None known .
Unusual hazards: None known .
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:	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 . FOR COMMERCIAL AND INDUSTRIAL USE ONLY .

Storage:

Protect from freezing . 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 .

Personal Protective Equipment

Eye protection:	Safety glasses are not normally required. However, their use is recommended in those cases where handling the undiluted product involves a risk of splashing .
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	Appearance:	Aqueous solution
Color:	Blue	Boiling point/range:	Not determined
Odor:	Characteristic	Melting point/range:	Not determined
Specific gravity:	1.015	pH:	5.2
Dilution pH:	No information available	Density:	No information available
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:	>200 (°F) >93.3 (°C)
Partition coefficient (n-octanol/water):	No information available		

10. STABILITY AND REACTIVITY

Stability:	The product is stable .
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	None known .
Conditions to avoid:	Do not freeze.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	ORAL , LD50 estimated to be greater than 5000 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:	No information available
Reproductive toxicity:	No information available
Target organ effects:	No information available

12. ECOLOGICAL INFORMATION

Environmental Information:	no data available.
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

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), 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:
Water	7732-18-5	-	-	-	-	-	-
Linear alcohol alkoxylate	68987-81-5	-	-	-	-	-	-

CERCLA / SARA

None

Canada

WHMIS hazard class: D2B Toxic materials .

**16. OTHER INFORMATION**

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

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