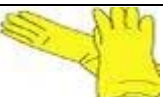


D3 CONCENTRATE (SUMA)

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

Version Number: 2

Preparation date: 2004-07-14

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: D3 CONCENTRATE (SUMA)

MSDS #: F-00565001

Product code: F-00565001, 3365398

Recommended use: Cleaning 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 OR FATAL IF SWALLOWED .

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
Potassium hydroxide	1310-58-3	1 - 5%	273 mg/kg (rat)	Not available	Not available
Dipropylene glycol methyl ether	34590-94-8	1 - 5%	7500 mg/kg (rat)	9480 mg/kg (rabbit)	Not available
Ethyl alcohol	64-17-5	0.1 - 1.5%	7060 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 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 . Never give anything by mouth to an unconscious person.

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: 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:

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. Do not taste or swallow . Avoid breathing vapors or mists. 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 . FOR COMMERCIAL AND INDUSTRIAL USE ONLY .

Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing . 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:

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:

No special requirements under normal use conditions . In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures:

Avoid contact with skin, eyes and clothing . Handle in accordance with good industrial hygiene and safety practice .

Ingredient	CAS #	ACGIH	OSHA	Mexico
Potassium hydroxide	1310-58-3	2 mg/m ³ (Ceiling)	2 mg/m ³ (CEILING)	
Dipropylene glycol methyl ether	34590-94-8	150 ppm (STEL) 100 ppm (TWA)	600 mg/m ³ 100 ppm (TWA) 900 mg/m ³ 150 ppm (STEL)	600 mg/m ³ (TWA) 900 mg/m ³ (STEL)
Ethyl alcohol	64-17-5	1000 ppm (TWA)	1900 mg/m ³ 1000 ppm (TWA)	1900 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance: Liquid

Color: Yellow

Boiling point/range: Not determined

Odor: Characteristic

Melting point/range: Not determined

Specific gravity: 1.106

pH: 12

Dilution pH: No information available

Density: No information available

Bulk density: No information available

Decomposition temperature: No information available

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: < 4.0%

Viscosity: No information available

Flash point: >200 (°F)

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

10. STABILITY AND REACTIVITY

Stability:

Stable.

Polymerization:

Hazardous polymerisation does not occur.

Hazardous decomposition products:

None reasonably foreseeable.

Materials to avoid:

Acids.

Conditions to avoid:

Do not freeze.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

ORAL , LD50 estimated to be between 2000 - 3000 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.

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

Undiluted product is regulated under environmental and transportation laws as a corrosive waste . Dispose of in accordance with local 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	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Potassium hydroxide	1310-58-3	Listed	Listed	Listed	Listed	Listed	Listed
Dipropylene glycol methyl ether	34590-94-8	Listed	Listed	Listed	Listed	Listed	-
Sodium alpha olefin sulfonate	68439-57-6	-	-	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-	-	-
Ethyl alcohol	64-17-5	Listed	Listed	Listed	Listed	Listed	Listed
Sodium tripolyphosphate	7758-29-4	Listed	Listed	Listed	-	-	Listed

CERCLA / SARA

Ingredient	CAS #	Weight %	RQ	Section 302/TPQs	Section 313
Potassium hydroxide	1310-58-3	1 - 5%	1000 LBS		
Ethyl alcohol	64-17-5	0.1 - 1.5%	100 LBS		
Sodium tripolyphosphate	7758-29-4	5 - 10%	5000 LBS		

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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