

MATERIAL SAFETY DATA SHEET



BIO-FLOOR CLEANER (SUMA)

HMIS		NFPA	Personal protective equipment
Health	2	2	
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 1

Preparation date: 2005-08-31

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: BIO-FLOOR CLEANER (SUMA)

MSDS #: 265900592001

Product code: 265900592001

Recommended use: Floor care.

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

WARNING. CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION .

Principle routes of exposure:	Eyes. Skin. Inhalation.
Skin contact:	Moderately irritating to the skin.
Eye contact:	Severe eye irritation.
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
Propylene glycol methyl ether	107-98-2	5 - 10%	6600 mg/kg (rat)	13 g/kg (rabbit)	10000 ppm/5H (rat)

4. FIRST AID MEASURES

Eye contact:	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
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:	Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention.
Aggravated Medical Conditions:	Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use dry chemical, CO2, water spray or "alcohol" foam.
Specific hazards:	None known.
Unusual hazards:	None known
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: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.
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. Avoid contact with eyes, open cuts or sores. Wash thoroughly after handling. Avoid use and contact of product with immunocompromised individuals. Do not reuse this packaging for storing beverages or liquids. Contains: Bacterial cultures and surfactants. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use. 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. 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. Protect from freezing .

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

General room ventilation is adequate. Respiratory protection is not required if good ventilation is maintained .

Personal Protective Equipment

Eye protection: Safety goggles.
Hand protection: No special requirements under normal use conditions. Rubber gloves recommended for prolonged or repeated skin contact.
Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient	CAS #	ACGIH	OSHA	Mexico
Propylene glycol methyl ether	107-98-2	150 ppm (STEL) 100 ppm (TWA)		

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Aqueous solution
Color:	Green	Boiling point/range:	>200 (°F) >100 (°C)
Odor:	Mild	Melting point/range:	Not determined
Specific gravity:	1.040 g/cc	pH:	9.4
Dilution pH:	9.1 (3%)	Density:	1.040 g/ml
Bulk density:	8.68 lb/gal	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:	10%
Viscosity:	No information available	Flash point:	250 (°F) 121 (°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

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD50 estimated to be greater than 5000 mg/kg.
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:

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	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Propylene glycol methyl ether	107-98-2	Listed	-	Listed	Listed	Listed	Listed
Water	7732-18-5	-	-	-	-	-	-
Alcohol ethoxylates	68439-46-3	-	-	-	-	-	-
Alkyl Glucoside	68515-73-1	-	-	-	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Propylene glycol methyl ether	107-98-2	5 - 10%	100		

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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