

MATERIAL SAFETY DATA SHEET



FF 425

HMIS		NFPA	Personal protective equipment
Health	1	1	None Required
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 2

Preparation date: 2005-11-15

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: FF 425

MSDS #: MS0100474

Product code: 38123, 38124

Recommended use: Floor care.

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. MAY BE MILDLY IRRITATING TO EYES. MAY BE MILDLY IRRITATING TO SKIN.

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Eye contact: May be mildly irritating to eyes.

Skin contact: May be mildly irritating to skin.

Inhalation: None known.

Ingestion: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Plasticizer	85-68-7	1 - 5%	Not available	Not available	Not available
Dipropylene glycol methyl ether	34590-94-8	1 - 5%	5.4 mL/kg (rat)	10 mL/kg (rabbit)	Not available
Diethylene glycol ethyl ether	111-90-0	1 - 5%	5.5 mL/kg (rat)	4.2 mL/kg (rabbit)	5.24 g/m ³ (rat)

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. Get medical attention if irritation occurs.

Skin contact: Flush immediately with plenty of water. Get medical attention if irritation occurs.

Inhalation: No specific first aid measures are required.

Ingestion: No specific first aid measures are required.

Aggravated Medical Conditions: None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire .

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: Not relevant for the product itself.
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 and eyes. 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:
General room ventilation is adequate. No special ventilation requirements.

Personal Protective Equipment

Eye protection: No special requirements under normal use conditions.
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.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Dipropylene glycol methyl ether	34590-94-8	150 ppm (STEL) 100 ppm (TWA)	600 mg/m ³ 100 ppm Can be absorbed through the skin.	900 mg/m ³ (STEL) 600 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Bulk density:	No information available
pH:	8.7	Dilution pH:	No information available.
Appearance:	Aqueous solution	Vapor density:	No information available
Color:	White	Evaporation rate:	No information available
Odor:	Ammoniacal	Boiling point/range:	Not determined
Specific gravity:	8.7 lb/gal	Melting point/range:	Not determined
Density:	1.0422 g/ml	Decomposition temperature:	Not determined
VOC:	3.4	Autoignition temperature:	No information available
Flash point:	>200 (°F) >93.3 (°C)	Viscosity:	No information available
Solubility:	Dispersible	Partition coefficient (n-octanol/water):	No information available
		Solubility in other solvents:	No information available

Elemental Phosphorous: 0.08

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerisation does not occur.
Hazardous decomposition products: None known.
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: 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(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Tributoxyethyl phosphate	78-51-3	-	Listed	Listed	-	-	-
Acrylic polymers	TS*	-	-	-	-	-	-
Plasticizer	85-68-7	Listed	Listed	Listed	-	Listed	Listed
Dipropylene glycol methyl ether	34590-94-8	Listed	Listed	Listed	Listed	Listed	-
Diethylene glycol ethyl ether	111-90-0	-	Listed	Listed	-	-	-
Zinc ammonium carbonate	40861-29-8	-	Listed	-	-	Listed	Listed

CERCLA / SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Tributoxyethyl phosphate	78-51-3	1 - 5%			Listed.
Plasticizer	85-68-7	1 - 5%	100		
Diethylene glycol ethyl ether	111-90-0	1 - 5%			Listed.
Zinc ammonium carbonate	40861-29-8	1 - 5%			Listed.

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Plasticizer			Listed.
Zinc ammonium carbonate			Listed.

Canada**WHMIS hazard class:** Non-controlled.

Ingredient(s)	CAS #	NPRI
Plasticizer	85-68-7	Listed
Zinc ammonium carbonate	40861-29-8	Listed

16. OTHER INFORMATION**Reason for revision:**

Not applicable

Prepared by:

NAPRAC

Additional advice:

None

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