



EMR-LX

HMIS		NFPA	Personal protective equipment	
Health	2	2		
Fire Hazard	1	1		
Reactivity	0	0		

Version Number: 2

Preparation date: 2004-09-28

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: EMR-LX

MSDS #: 02172_HX

Product code: 02172470, 02172480, 02172700, 11614690

Recommended use: Formulated organic precipitants.

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	Johnson Diversey México S.A. de C.V. Av. Henry Ford No. 12 Fracc. Industrial San Nicolás C.P. 54030 Tlalnepantla, Estado de México
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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 AND SKIN IRRITATION. Harmful if swallowed.

Principle routes of exposure: Eyes. Skin. Inhalation.

Skin contact: Severe skin irritation.

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
Sodium dimethyldithiocarbamate	128-04-1	40 - 50%	1 g/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.

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: Immediately drink one cupful of water or milk. 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: Dry chemical, water spray, foam, carbon dioxide.

Specific hazards: Keep product and empty container away from heat and sources of ignition.

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: Prevent product from entering drains. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. 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:

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 . General room ventilation is adequate .

Personal Protective Equipment

Eye protection:

Safety glasses with side-shields.

Hand protection:

Chemical resistant gloves. Includes. neoprene gloves.

Skin and body protection:

If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection:

No special protective equipment required.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice . Wash hands before breaks and immediately after handling the product . Avoid contact with skin, eyes and clothing .

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Yellow Green
Odor: Characteristic
Specific gravity: 1.18
Dilution pH: 8 (@1%)
Bulk density: No information available
Vapor density: No information available
Vapor pressure: 17.5
Solubility: Soluble

Appearance: Liquid
Boiling point/range: 215 (°F)100 (°C)
Melting point/range: Not determined
pH: 11.4
Density: No information available
Decomposition temperature: Not determined
Autoignition temperature: No information available
Evaporation rate: No information available
Solubility in other solvents: No information available
Viscosity: No information available

VOC: 0
Flash point: 200 (°F) 100 (°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: Acids. Oxidising agents.
Conditions to avoid: Stable at normal conditions.

11. TOXICOLOGICAL INFORMATION

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/NDL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Japan (ENCS), Philippines (PICCS), 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	-	-	-	-	-	-
Sodium dimethyldithiocarbamate	128-04-1	-	-	-	-	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium dimethyldithiocarbamate	128-04-1	100			Listed.

CAA HAP/CAA ODS/CWA Priority Pollutants: 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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