



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

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	Appearance:	Liquid
Color:	Yellow Green	Boiling point/range:	215 (°F)100 (°C)
Odor:	Characteristic	Melting point/range:	Not determined
Specific gravity:	1.18	pH:	11.4
Dilution pH:	8 (@1%)	Density:	No information available
Bulk density:	No information available	Decomposition temperature:	Not determined
Vapor density:	No information available	Autoignition temperature:	No information available
Vapor pressure:	17.5	Evaporation rate:	No information available
Solubility:	Soluble	Solubility in other solvents:	No information available
VOC:	0	Viscosity:	No information available
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 %	RQ	Section 302/TPQs	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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