
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

LECTRO-SAF II**MSDS ID: 01177**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LECTRO-SAF II
PRODUCT DESCRIPTOR: NON FLAMMABLE SOLVENT (AEROSOL)
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
1,1 DICHLORO-1-FLUOROETHANE (1717-00-6)	<95	*R.E.L. 500PPM TWA 8 HR * = RECOMMENDED EXPOSURE LEVEL BY AMERICAN INDUSTRIAL HYGIENE ASSOC.	
CARBON DIOXIDE (124-38-9) SKIN AND EYES (29 CFR 1910.1200, APPENDIX A).	<5	TLV 5000 PPM; PEL 500	

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: NO
SKIN: NO
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CORROSIVE TO SKIN AND EYES. DUSTS ARE CORROSIVE TO SKIN, EYES
AND RESPIRATORY TRACT.
CHRONIC: SAME AS ACUTE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
SENSITIVE SKIN AND EYES

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER. GET MEDICAL ATTENTION.
SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE
CONTAMINATED CLOTHES AND SHOES.
INGESTION: GIVE MILK OR WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: N/A IN NORMAL OPERATIONS.

V. FIRE FIGHTING MEASURES

FLASH POINT: NONE	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: NONE	UEL: NONE
UNUSUAL FIRE OR EXPLOSION HAZARDS:		MAY PRODUCT PHOSGENE GAS IF SUPER HEATED	
EXTINGUISHING MEDIA:		CO2, DRY CHEMICALS	
FIRE FIGHTING INSTRUCTIONS:		MUST WEAR PERSONAL PROTECTIVE EQUIPMENT	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: FLUSH SMALL AMOUNTS TO DRAIN. DO NOT PUNCTURE CONTAINER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN A DRY PLACE. KEEP CONTAINER COVERED. DO NOT MIX WITH OTHER CHEMICALS IN USE.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: FACE SHIELD
PROTECTIVE GLOVES: NON-ABSORBENT
RESPIRATORY PROTECTION: NONE
OTHER PROTECTIVE CLOTHING/EQUIPMENT: NONE
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 90 SPECIFIC GRAVITY: 1.2500
VOLATILE BY VOLUME: 0 SOLUBILITY IN WATER: 10
VAPOR PRESSURE (MMHG): N/A AT
APPEARANCE AND ODOR: COLORLESS, FAINT GAS ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: CONCENTRATED MINERAL ACIDS, ALKALIS,
STRONG OXIDIZERS, REDUCING AGENTS,
NITROGEN COMPOUNDS
HAZARDOUS DECOMPOSITION PRODUCTS: CO₂, NITROGEN, CHLORINE, CYANOGEN
CHLORIDE
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: PH ADJUSTMENT; NO PHOSPHATES. DISPOSE OF CONTAINER IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.

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XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

THIS PRODUCT CONTAINS 1,1 DICHLORO-1-FLUOROETHANE CAS # 1717-00-6 AT 99.5% WHICH IS SARA REPORATBLE.

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 2 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

STATE RIGHT-TO-KNOW INFORMATION:

1,1 DICHLORO-1-FLUOROETHANE - CAS #1717-00-6

CARBON DIOXIDE - CAS #124-38-9

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.