

LECTRO-SAF III

MSDS ID: 11347270

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LECTRO-SAF III AEROSOL

Product Descriptor: SOLVENT CLEANER

MANUFACTURER: JOHNSON DIVERSEY, INC.

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800) 851-7145

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
CARBON DIOXIDE	124-38-9	1 - 5%	TLV 5000 PEL 5000	PPM PPM
PROPYL BROMIDE	106-94-5	>30%	STEL 30000	None established

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING - Product contains irritating or harmful chemical and solvents. Causes eye and skin irritation or burns, and possible respiratory irritation. May be harmful if swallowed. Do not get in eyes, on skin or clothing. Wear eye protection, rubber gloves, protective clothing and footwear. Wash after handling. Avoid breathing dust, mist, or vapors. Heat and evaporation may release vapors that cause respiratory irritation, dizziness or headache. Wear respiratory protection in enclosed areas.

POSSIBLE ROUTES OF ENTRY: Eye contact. Skin contact. Inhalation. Ingestion.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: May be mildly irritating to eyes. SKIN: May be mildly irritating to skin. INHALATION: Overexposure to vapors may cause dizziness, headache, fatigue and respiratory irritation. INGESTION: May be irritating to mouth, throat and stomach.

CHRONIC: Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system (CNS). Aspiration hazard if swallowed. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis, sensitive skin, pulmonary function and asthma.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin and respiratory tract.

IV. FIRST AID MEASURES

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

SKIN: Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

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IV. FIRST AID MEASURES (Cont.)

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 immediately.

INHALATION: If breathing is affected, remove to fresh air. Get medical attention immediately.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NONE FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: 2.0% UEL: 5.0%

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Vapors will form a flammable mixture in a narrow range of 2%-5% by volume. Do not weld or cut with a torch any drum that contained this product, as residual vapors in the drum could be in flammable range and an explosion could occur.

EXTINGUISHING MEDIA: Water, water spray, CO2, foam or dry powder.

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

SPECIAL INSTRUCTIONS: None required.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:

Flush small amounts to drain. Collect and return large amounts to container.

This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: PRESSURIZED CONTAINER. Store in a cool, dry area away from heat and open flames. Container may burst above 120 deg. F. Use only per label directions.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Chemical splash goggles.

PROTECTIVE GLOVES: Solvent resistant. DO NOT use natural rubber gloves when handling this product.

RESPIRATORY PROTECTION: Product does not have any established exposure limits. NIOSH/MSHA approved respirator recommended in enclosed or confined spaces where high air concentration or long exposure may occur.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: No special protective clothing is required.

ENGINEERING CONTROLS:

VENTILATION: Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, colorless liquid

BOILING POINT (DEG F): 155

FREEZING POINT: N/D

SPECIFIC GRAVITY/BULK DENSITY: 1.245

pH: N/A

pH 1% SOLUTION: N/A

VOLATILE BY VOLUME: 98

SOLUBILITY IN WATER: Insoluble

VAPOR PRESSURE(mmHg): 139 at 25 C

VAPOR DENSITY: 4.3

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: High storage temperatures; Alkalis; Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of carbon; hydrogen bromide and/or bromine

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: Toxicological testing has not been performed on the product. Listed below is the available toxicology test data for components of the product.

TOXICITY TEST DATA:

Propyl Bromide:

Acute oral LD50	(rat)	42,960 mg/kg
Acute Inhalation LC50	(rat)	50,291 ppm (30 min)
Acute Inhalation LC50	(rat)	14,374 ppm (4 hr.)
Eye Irritancy:		Irritant
Skin Irritancy:		Irritant

XII. ECOLOGICAL INFORMATION

No data available.

ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not regulated.

Pressurized container. Use product until empty. Do not puncture or throw into fire. Recycle or place wrapped container in trash. Dispose of unused product and container in Household Hazardous Waste Collection.

MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
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XIV. TRANSPORT INFORMATION

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

XV. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: None

VOC CONTENT (EPA Method 24A): % VOC: 95 Lb/Gal VOC: 9.86

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

None

SARA Section 311/312:

ACUTE: YES CHRONIC: NO FIRE: NO REACTIVITY: NO

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: None

NTP: No IARC: No OSHA: No

HMIS RATINGS: HEALTH: 1 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

NFPA RATING: HEALTH: 1 FIRE: 0 REACTIVITY: 0 SPECIAL: None

STATE RIGHT-TO-KNOW INFORMATION:

PROPYL BROMIDE - CAS# 106-94-5

CARBON DIOXIDE - CAS#124-38-9

PROPRIETARY ALCOHOL - PROPRIETARY

STABILIZER - PROPRIETARY

CALIFORNIA PROPOSITION 65:

None

XVI. OTHER INFORMATION

Disclaimer: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.