
MATERIAL SAFETY DATA SHEET

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Revised 5/19/04
Replaces 2/02/04
Printed 5/20/04

LEVER SAN**MSDS ID: 00243**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LEVER SAN
Product Descriptor: HAND SANITIZER
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
ETHYL ALCOHOL	64-17-5	>30%	TWA: 1000	PPM

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION - Contains cleaning agents that may cause eye irritation. May be harmful if swallowed. Do not get in eyes. Do not take internally.

POSSIBLE ROUTES OF ENTRY: Ingestion; Skin contact/absorption; Inhalation

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: May cause an allergic skin reaction. SKIN: Irritation or dryness develops with long contact. INGESTION: If swallowed, gastric distress, diarrhea, nausea or vomiting may occur. If vomiting occurs, petroleum distillates may be inhaled into the lungs and cause chemical pneumonia. INHALATION: May cause irritation of respiratory tract.

CHRONIC: Same as acute effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis or sensitive skin.

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

IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention.

SKIN: Rinse off product with water

INGESTION: Do not take internally. If swallowed, drink several glasses of water. Do not induce vomiting. Contact a physician or Poison Control Center. NOTE: Never give fluids by mouth to an unconscious person.

INHALATION: Remove to fresh air. If breathing difficulties arise, get medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): 77 F

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: ND

UEL: ND

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: FLAMMABLE. Avoid exposing to heat, sparks or open flames.

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

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V. FIRE FIGHTING MEASURES (Cont.)

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:

Turn off sources of ignition.

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

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: FLAMMABLE PRODUCT. Do not store near heat, sparks or open flames. Keep container closed when not in use. Product may accumulate a static charge. Use proper grounding during storage or emptying container.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Not normally required.

PROTECTIVE GLOVES: Not normally required.

RESPIRATORY PROTECTION: Not normally required.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Not normally required.

ENGINEERING CONTROLS:

VENTILATION: Local exhaust ventilation may be necessary to control any air contaminants to within their TLV's during the use of this product.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear liquid.

BOILING POINT (DEG F): ND

FREEZING POINT: ND

SPECIFIC GRAVITY/BULK DENSITY: 0.87

pH: 7.1

pH 1% SOLUTION: ND

VOLATILE BY VOLUME: 99.75

SOLUBILITY IN WATER: Soluble

VAPOR PRESSURE(mmHg): ND at ND

VAPOR DENSITY: ND

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents; Chlorine and chlorinated compounds; Acids

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of carbon

HAZARDOUS POLYMERIZATION: None known.

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XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No data available.

TOXICITY TEST DATA:

No data available.

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Concentrated product is considered D001, flammable if declared hazardous waste.

Discharge diluted product to industrial sewer in accordance with discharge permit or local POTW regulations. Use product in container until empty. Rinse container with water. Recycle or dispose of container according to product labeling or governmental regulations.

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: Contains no hazardous air pollutants.

VOC CONTENT (EPA Method 24A): % VOC: 71 Lb/Gal VOC: 5.19

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: 3 REACTIVITY: 1

PERSONAL PROTECTIVE EQUIPMENT: A

NFPA RATING: HEALTH: 1 FIRE: 3 REACTIVITY: 1 SPECIAL: Flammable

STATE RIGHT-TO-KNOW INFORMATION:

WATER - CAS #7732-18-5

ETHYL ALCOHOL - CAS #64-17-5

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

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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.