

MATERIAL SAFETY DATA SHEET

SECTION I – IDENTITY AND RESPONSIBLE PARTY INFORMATION

515090165

Manufacturer: Lucas Products Corporation

Product Name: LUCASOL Hand Instant Hand Sanitizer

Address: 5663 Opportunity Dr.; P.O. Box 6570
Toledo, Ohio 43612

Date Prepared: 4-15-03

Transportation Emergency Telephone No. And Other Information For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC Day or Night Domestic North America 800-424-9300 International 703-527-3887 (collect calls accepted)

Prepared By Regulatory Affairs Department

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components

Specific Chemical Identity: Common Name(s)	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Denatured Ethanol	64-17-5	1000 ppm	1000 ppm	N/A	60% v/v

*THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

HMIS RATING - HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECTION EQPT: A

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: \approx 272°F

Specific Gravity ($H_2O = 1$): 0.80

Vapor Pressure (mm Hg): Not Established

Percent Volatile By Weight (%): >90%

PH (conc.): 7.0

Evaporation Rate ($H_2O=1$): >1

Solubility in Water: Soluble

Appearance and Fragrance: Clear Liquid / Alcohol Fragrance

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) – 50°F TCC

Flammable Limits –

LEL – N/E

UEL – N/E

Extinguishing Media – Water, CO₂, Foam or media suitable for surrounding fire.

Special Fire Fighting Procedures – Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus. Unusual Fire and Explosion Hazards – None Known

SECTION V – PHYSICAL HAZARDS

Stability Unstable
Stable X

Conditions to Avoid – None Known

Incompatibility (Materials to Avoid) – Do not mix with other chemicals.

Hazardous Decomposition Products or By-products – Thermal decomposition on burning may produce toxic vapors or gases.

Hazardous May Occur

Conditions to Avoid – None Known

Polymerization Will not Occur X

SECTION VI – HEALTH HAZARDS

Route(s) of Entry:

Inhalation?

Skin?

Ingestion? X

Health Hazards (1. Acute and 2. Chronic) – 1. ACUTE: Harmful if swallowed. Eye irritant.

2. CHRONIC: None Known

Chemical Listed as Carcinogen or Potential Carcinogen

National Toxicology Program

No X

I.A.R.C. Monographs

No X

OSHA

No X

Signs and Symptoms of Exposure – Irritation or burning sensation. Medical Conditions Generally Aggravated by Exposure – May aggravate skin disorders or respiratory ailments. Emergency and First Aid Procedures – EYE CONTACT: Flush immediately with water for 15 minutes. Get medical attention.

INGESTION: Rinse mouth with water. Then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled – Eliminate ignition sources. Wear appropriate protective equipment. If possible, contain spill and collect in approved container. Rinse affected area thoroughly with water. Keep product out of storm sewers or waterways. Hold for disposal.

Waste Disposal Method – Dispose of in accordance with local, state and Federal regulations. If possible, triple rinse container, and recycle.

Precautions to be Taken in Handling and Storing – Avoid contact with eyes. Store in original container, in cool dry place. Keep out of reach of children. Keep container tightly closed when not in use.

Other Precautions – Use only according to label directions. If unsure about safe use, contact your supervisor immediately.

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type) – Not Required.

Ventilation – Local Exhaust – Not Required Mechanical (General) – Not Required Special – N/A Other – N/A

Protective Gloves – Not Required Eye Protection – Chemical Resistant Goggles (for handling spills) Other Protective Clothing or Equipment - Not Required Work/Hygiene Practices – Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply.

NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.

N/A (Not Applicable/Not Available)

N/E (Not Established)