



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2024

PRODUCT NAME: **LEVER MED H5**

USE: Hand Sanitizer

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B2 D2B

CHEMICAL FAMILY: Alcohol

TRADE NAME / SYNONYMS: not available

CHEMICAL NAME: not available

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Ethyl Alcohol	30-60	000064-17-5	LD50 7060 mg/kg	oral/rat
Isopropanol	10-30	000067-63-0	LD50 5045 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Not required

Eye: Not required

Footwear: Not required

Respiratory: Not required

Other: Not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact. Do not expose to heat, spark or open flame.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): Oxidizing materials

SPILL PROCEDURES: Remove all sources of heat and ignition. Contain the spill. Do not allow the spilled product to go to drain. Soak up with absorbent material then wash area with water.

WASTE DISPOSAL: Dispose of according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Keep away from open flame. Avoid freezing

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Transparent gel with suspended air bubbles.

S.G. / BULK DENSITY(g/cc): 0.895

pH: 7.4

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: 82°C

FREEZING POINT: not available

PERCENT VOLATILE: 99%

SOLUBILITY IN WATER: not applicable

EVAPORATION RATE (water=1): not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause permanent damage if not treated promptly. No serious or irreversible effects expected (if treated promptly).

SKIN: Non irritant

INGESTION: May cause intoxication, dizziness and nausea.

INHALATION: May cause dizziness.

LD50 (calculated): 11,000 mg/kg

LC50 (calculated): not available

OTHER TOXIC EFFECTS: TLV-TWA (Isopropanol) 400 ppm; TLV-TWA (Ethyl Alcohol) 1000 ppm (1880 mg/m3)	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known	
VI - FIRST AID MEASURES	
EYES:	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Consult a physician.
SKIN:	If irritation occurs, discontinue use.
INGESTION:	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Contact a physician.
INHALATION:	Remove patient to fresh air.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, ignited by spark or open flame	
FLASH POINT, °C: 20 °C	AUTO IGNITION TEMPERATURE, °C:
EXTINGUISHING MEDIA: Water [] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: Heat	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: Excessive heat	
INCOMPATIBILITY (Material to Avoid) : Oxidizing materials.	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, Carbon monoxide.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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