MATERIAL SAFETY DATA SHEET

PRODUCT CONTROLLED UNDER PCP AND/OR FOOD & DRUG ACT

PRODUCT NAME: LEVER 2000 LIQUID

USE: Antibacterial Hand Soap DIN 02194252

SUPPLIER: EMERGENCY PHONE:

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

WHMIS CLASSIFICATION: exempt

CHEMICAL FAMILY: Surfactant

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS#	LD50 / LC50	Route / Species
Ammonium lauryl ether sulphate	3-7	032612-48-9	LD50 630 mg/kg	oral/rat
Sodium cocoylisethionate	3-7	061789-32-0	LD50 4330 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 ingest.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): not applicable

SPILL PROCEDURES: Contain the spill. Mop up or soak up with absordent clay for disposal. Wash spill area with large volumes of water.

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

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Milky white, viscous liquid

S.G. / BULK DENSITY(g/cc): 1.03 pH: 5.0

VAPOUR PRESSURE (mmHg): not applicable VAPOUR DENSITY (air=1):

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VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: not available

FREEZING POINT: not available PERCENT VOLATILE: 72%

SOLUBILITY IN WATER: soluble EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation. No serious or irreversible effects expected (if treated promptly).

SKIN: Non irritant

INGESTION: Possible gastrointestinal disturbances, if large amounts are ingested.

INHALATION: No serious or irreversible effects expected.

LD50 (calculated): 13,599 mg/kg LC50 (calculated): not available

OTHER TOXIC EFFECTS: none known

EFFECTS OF CHRONIC not available **EXPOSURE TO MATERIAL:** VI - FIRST AID MEASURES EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician. SKIN: If irritation occurs, discontinue use. INGESTION: Do not induce vomiting. Drink large volumes of water . Never give anything by mouth to an unconscious patient. Contact a physician. INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty. VII - FIRE AND EXPLOSION DATA FLAMMABLE: No FLASH POINT, ∞C: not applicable **AUTO IGNITION TEMPERATURE,∞C:** N/Ap. **EXTINGUISHING MEDIA:** Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [] SPECIAL FIRE FIGHTING PROCEDURES: not applicable HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, sulphur. **EXPLOSIVE SENSITIVITY TO:** not applicable **VIII - REACTIVITY DATA** STABILITY: Unstable [] Stable [x] **CONDITIONS TO AVOID:** not applicable INCOMPATIBILITY (Material to Avoid): not applicable HAZARDOUS DECOMPOSITION PRODUCTS: not applicable

REACTIVITY: not dangerously reactive

June 20, 2002

PREPARATION DATE:

IX - MSDS PREPARATION

SOURCES USED: PREPARED BY: **RTECS** JohnsonDiversey Canada, Inc.

Regulatory Department Institutional Division Phone (905) 829-1200

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