



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4556

PRODUCT NAME: LIQUI-SLIP

USE: Asphalt Release Agent

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 D2B

CHEMICAL FAMILY: Petroleum Hydrocarbon

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Petroleum hydrocarbon	60-100	008008-20-6	LD50 6460 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber or Neoprene

Eye: safety goggles

Footwear: not required

Respiratory: If mists are generated, use NIOSH approved mask

Other: not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Strong Oxidizers

SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal.

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

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

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear, light amber liquid

S.G. / BULK DENSITY(g/cc): 0.82

pH: not applicable

VAPOUR PRESSURE (mmHg): 0.4 @ 20°C

VAPOUR DENSITY (air=1): 5

ODOUR THRESHOLD: not applicable

BOILING POINT: 165°C

FREEZING POINT: <0°C

PERCENT VOLATILE: 85%

SOLUBILITY IN WATER: >10%

EVAPORATION RATE (water=1): <1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

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

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: May cause severe irritation of the digestive tract.

INHALATION: Headache and CNS depression may occur.

LD50 (calculated): 7600 mg/kg

LC50 (calculated): not available

OTHER TOXIC EFFECTS: None known.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Same as above.

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: Flush affected area thoroughly with water. If irritation develops, contact a physician.

INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.

INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: Yes, ignited by spark or open flame.

FLASH POINT, °C: 43°C (TCC)

AUTO IGNITION TEMPERATURE, °C: N/Av.

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: Impact [] Static Discharge [X] Heat [X] Other []

VIII - REACTIVITY DATA

STABILITY: Stable [X] Unstable []

CONDITIONS TO AVOID: high temperature, open flame.

INCOMPATIBILITY (Material to Avoid) : Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS, ChemInfo.

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Industrial Division
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