

LEXCAN MATERIAL SAFETY DATA SHEET

DATE PREPARED: 03/01/09

(4 Pages)

MSDS No: R6-F0038

SECTION I (I) - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

SC-I SEAM CLEANER

Chemical Name: Petroleum Hydrocarbon Mixture (Petroleum Distillates)

Chemical Family: Aliphatic Hydrocarbon

Chemical Formula: Not Applicable

C.A.S. #: 64742-48-9

Transport

Classification: 3

P.I.N. 1268

Packing Group: II

Shipping Name: Naptha

WHMIS Classification: Class B-2; Flammable Liquid, D-2B, Toxic Material

SUPPLIER NAME AND ADDRESS

Lexcan Industrial Supply Limited
52 Bramwin Court
Brampton, Ontario L6T 5G2
Tel: 905-792-8300 Fax: 905-792-8305

EMERGENCY TELEPHONE NUMBER:

CANUTEC 613-996-6666 (24 hours everyday)

Regulatory Information Number:

Tel: 1-877-792-8308

SECTION 2 (II) - HAZARDOUS INGREDIENTS

<u>HAZARDOUS INGREDIENT</u>	<u>CAS #</u>	<u>RANGE % (w/w)</u>	<u>LD50 ORAL</u>	<u>LD50 DERMAL</u>	<u>LC50</u>	<u>T.L.V.</u>
Heavy Naptha Hydrotreated	64742-48-9	60 – 10	N/A	N/A	N/A	100 ppm Based on Composition

* N/A = Not Applicable

SECTION 3 (III) - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE

EYES: Slightly irritating but does not cause eye tissue damage.

SKIN: Low toxicity. Frequent or prolonged contact may irritate the skin and cause dermatitis.

INHALATION: High vapour concentrations are irritating to the eye, nose, throat and lungs. May cause headaches and dizziness. May be anesthetic and may cause other central nervous system effects.

INGESTION: Minute amounts aspirated into the lungs during swallowing or subsequent vomiting may cause severe lung irritation (e.g.: bronchopneumonia or pulmonary edema).

CHRONIC HEALTH HAZARDS: Prolonged and repeated exposures of male rats to inhalation of light hydrocarbon vapours in the same naptha boiling range as this material, produced kidney disorders and/or damage. These effects were not observed in similar studies with female rats, male and female mice and in limited studies with other animal species. These effects are believed to be unique to the male rat.

A number of human studies have not shown clinical evidence of an association between light hydrocarbon exposure and disease. It is highly unlikely that the kidney effects observed in male rats have significant implications for humans exposed at or below the occupational exposure limits. Contains n-hexane. Prolonged and/or repeated exposures may cause damage to the peripheral nervous system (e.g.: fingers, feet, arms, etc.).

OCCUPATIONAL EXPOSURE LIMIT

ACGIH RECOMMENDS FOR:

Toluene: 100 ppm (375 mg/m³)

Pentac: 600 ppm (1800 mg/m³)

n-Heptane: 400 ppm (1600 mg/m³)

n-Hexane: 50 ppm (180 mg/m³)

Other Hexane Isomers: 500 ppm (1800 mg/m³)

FIRST AID

EYES: Flush with water for at least 15 minutes and seek medical attention if irritation persists.

SKIN: Immediately flush with large amounts of water and use soap. Remove contaminated clothing, including shoes, after flushing has begun.

INHALATION: Rescuers should wear respiratory protection. Remove patient from contaminated area. Apply artificial respiration if breathing has stopped. Call a physician.

INGESTION: Due to the possibility of aspiration into the lungs, do not induce vomiting. Keep person at rest and call a physician.

SECTION 4 (IV) – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD (°C): < -18°C (TCC)

FLAMMABILITY LIMITS (% in air):

Lower: 1.0

Upper: 6.0

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam or water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed surfaces and to protect personnel. If possible to do so safely, shut off fuel to fire. If a leak or spill has not ignited, use water spray to disperse the vapours. Either allow fire to burn out under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam.

Respiratory and eye protection required for fire fighting personnel. A self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires which may easily be extinguished with a portable fire extinguisher, use of an SCBA may not be required.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid. May release vapours that form flammable mixtures at/or above the flash point. Toxic gasses will form upon combustion.

SECTION 5 (V) – PHYSICAL DATA

The following physical data are approximate only and do not represent specification values. They should only be used in the context of this Material Safety Data Sheet.

BOILING POINT (°C): 62 – 96

SPECIFIC GRAVITY (20°C): 0.68

VAPOUR PRESSURE (20°C): 34kPa

VAPOUR DENSITY (AIR=1): 3.1

WATER SOLUBILITY (20°C): Negligible

VOLATILITY (%): 100

EVAPORATION RATE (Butyl Acetate=1): 5.6

APPEARANCE & ODOUR: Water based - white liquid with mild petroleum odour.

SECTION 6 (VI) – REACTIVITY

STABILITY: *Stable*

INCOMPATIBILITY: *Strong oxidizers.*

HAZARDOUS DECOMPOSITION PRODUCTS: *None known.*

HAZARDOUS POLYMERIZATION: *Will not occur.*

CONDITIONS TO AVOID: *Heat, sparks and open flame.*

SECTION 7(VII) – SPILLS & LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: *Notify appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.*

LAND SPILL: *Eliminate source of ignition. Keep public away. Prevent additional discharge of material, if possible to do so without hazard. Vapours or dust may be harmful or fatal. Warn occupants of downwind areas. Prevent spills from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof motor or hand pump) or by using a suitable absorbent.*

WATER SPILL: *Eliminate all sources of ignition. Vapours or dust may be harmful or fatal. Warn occupants and shipping in downwind areas.*

WASTE DISPOSAL METHODS: *Controlled incineration or use a waste disposal service according to Federal, Provincial and local regulations.*

SECTION 8 (VIII) – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: *Approved organic vapour canister mask or air-supplied respirator.*

VENTILATION: *Local ventilation preferred. General mechanical ventilation to maintain below TLV. All equipment should be explosion proof.*

PROTECTIVE GLOVES: *Chemical resistant gloves.*

EYE PROTECTION: *Goggles or face mask to protect against splashing.*

ADDITIONAL PROTECTION EQUIPMENT: *Overalls and apron.*

SECTION 9 (IX) – ADDITIONAL INFORMATION

HANDLING & STORAGE: *Store in a cool well ventilated place, away from oxidizing agents and all sources of ignition. Keep container closed. Handle and open containers with care. Protect material from sunlight. Material will accumulate static charges which may cause an incendiary electrical discharge. Use proper grounding procedures. Do not pressurize, cut, heat or weld empty containers.*

OTHER INFORMATION: *Empty containers may retain hazardous residues and they should be commercially cleaned before reuse.*

SECTION 10 (X) - PREPARATION INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Reference: *The information herein is presented in good faith and believed to be correct as of the date hereof. Information is based upon supplier issued material safety data sheets and may be subject to error. If apprised of changes, updated MSDS will be promptly issued. Users must make their own determination regarding the suitability of the product for their own purposes prior to use.*

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