



MATERIAL SAFETY DATA SHEET

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1-613-996-6666 – CANUTEC – Transportation Emergency
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CAN FREE

SECTION I: IDENTIFICATION OF PRODUCT

Product Name: CAN FREE
Chemical Family: Mixture
WHMIS Classification: B3;D1B, D2B
Workplace Hazard: Combustible liquid. Skin, eye irritant, toxic

Product Use: Lubricant
TDG Classification: Not regulated
Packaging Group: Not applicable
PIN: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

Ingredients	Percent	CAS Number	LD ₅₀ (Rat/Oral)	LC ₅₀ (Rat/Inh)
Petroleum hydrocarbons	15-40	64741-44-2 64741-43-1	>5000 mg/kg Not determined	1700 mg/kg/4 hr Not determined
2-Ethylhexanol	5-10	104-76-7	2049 mg/kg	>227 ppm/6 hr (aerosol)
Alkylphenol ethoxylate ***	***	***	3100 mg/kg	Not determined
Alkylphenol ethoxylate ***	***	***	3000 mg/kg	Not determined

** HMIRC Confidential Business Information Exemption Registry #6024 Granted July 21, 2006.

SECTION III: TOXICOLOGICAL PROPERTIES

Route of entry: Skin Eye Contact Inhalation Ingestion

Effects of acute exposure: Severe eye irritant. Can cause redness, irritation and tissue destruction. Can cause skin irritation, redness and inflammation. Prolonged or repeated contact may cause dermatitis. Contains an ingredient (petroleum hydrocarbon) that may cause sensitization in certain individuals. May cause gastrointestinal irritation, nausea, diarrhea and abdominal cramps.

Effects of chronic exposure: Chronic exposure to an ingredient in this product has been shown to cause adverse effects on the liver in laboratory animals.

Exposure limits: Not applicable

Irritancy of product: Skin and eye irritant

Sensitization to product: Not applicable

Carcinogenicity: Chronic dermal exposure to petroleum hydrocarbons has been shown to cause skin tumours in laboratory animals.

Reproductive toxicity: No information available

Teratogenicity: No information available

Mutagenicity: Petroleum hydrocarbons have been shown to cause in-vitro mutation in mammalian cells.

Name of toxicological synergistic products: No information available



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SECTION IV: FIRST AID MEASURES

Skin contact: Wash with soap and copious quantities of water for at least 20 minutes. Remove contaminated clothing and footwear. If irritation persists, or develops, obtain medical attention.

Eye contact: Immediately flush eyes with gently flowing, warm water for 15 minutes, or until irritation ceases. When flushing is complete obtain medical attention.

Inhalation: Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues, obtain medical attention.

Ingestion: Do not induce vomiting. If vomiting occurs, keep head below hips to reduce risks of aspiration. Obtain immediate medical attention.

SECTION V: PHYSICAL DATA

Physical state: Liquid.

Appearance and odour: Dark amber liquid; petroleum odour

Odour threshold: Not available

Specific gravity: 0.96

Vapor pressure (mmHG): Not determined

Vapor density (Air=1): Not determined

Evaporation rate: Not determined

Boiling point (°C): Not determined

Freeze/Melting point (°C): <-5

pH: Not determined

Co-efficient of water/oil distribution: Slightly soluble, dispersible



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SECTION VI: FIRE AND EXPLOSION DATA

Conditions of flammability: Vapours may travel to source of ignition and flash back at temperatures above the flash point.

Means of extinguishing: CO₂; Foam; Dry Chemical; Water Fog

Flash point: 73.3°C Minimum (Closed Cup)

Upper flammable limit: Not determined

Lower flammable limit: Not determined

Auto-ignition temperature: Not determined

Hazardous combustion products: Not determined

Explosion data-sensitivity to mechanical impact: Not determined

Explosion data-sensitivity to static discharge: Not determined

SECTION VII: REACTIVITY DATA

Chemically unstable (conditions): Stable

Product incompatible with: Strong oxidizing agents. Avoid high temperatures and ignition sources.

Conditions of reactivity: Not available

Hazardous decomposition products: Oxides of carbon, oxides of nitrogen and oxides of sulphur on combustion.



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SECTION VIII: PREVENTATIVE MEASURES

Personal protective equipment: Up to 5 mg/m³; none required. From 5 to 50 mg/m³; use approved respirator with organic vapour/mist cartridges. Above 50 mg/m³; use full-face air supplied or self-contained breathing apparatus. Suggest rubber or viton protective gloves. Suggest chemical goggles and/or full face-shield be worn. Do not wear contact lenses. Wear chemical resistant clothing as required to prevent contact. Ensure eyewash station and emergency shower are available.

Specific engineering controls: Use local exhaust ventilation, process enclosure or other engineering controls to maintain concentration of vapours below TLV. Ensure all equipment is explosion proof.

Procedures for leak/spills: Stop leak if possible to do so without risk. Small spill; soak up with absorbent material. Large spills Use appropriate safety equipment. Eliminate ignition sources. Dike to prevent spread of spilled material; collect uncontaminated material for repackaging, collect contaminated material in an approved container for disposal, treat remainder as a small spill. Collect contaminated absorbent material in an approved container for disposal. Flush spill area thoroughly with water. Collect wash water in approved container for disposal.

Waste disposal: Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Empty containers that have not been rinsed and purged contain residual hazardous material and must be disposed of, or recycled, in accordance with local regulations.

Handling procedures and equipment: Wear protective equipment when handling this product to prevent eye and skin contact. Wash thoroughly after handling.

Storage requirements: Store at ambient temperatures away from incompatible materials and ignitions sources. Keep container tightly closed when not in use. Empty containers may contain residues. Follow all warnings and precautions even after container is emptied.

Special shipping information: Not applicable.

SECTION IX: PREPARATION

Date updated: February 15, 2010

Prepared by: Product Safety Committee

All the recommendations and suggestions herein concerning this product are based upon tests and data believed to be reliable, however it is the user's responsibility to determine the safety, toxicity and sustainability for their own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Q'Max Solutions Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does Q'Max Solutions Inc. assume any liability arising out of use by others. Nor is the information herein to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.