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MATERIAL SAFETY DATA SHEET

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 Vendor Update:
 9/11/2012

 Date Prepared:
 7/23/2013

MSDS Number: TGC04; V020; V024;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: EVAPORATING OIL

HMIS Ratings: NFPA Ratings:

Health: Moderate(2)
Flammability: Moderate(2)
Instability/Reactivity: Minimal(0)

Other: WHMIS CLASS: REGULATED.

THIS PRODUCT CLASSIFIED: B3- COMBUSTIBLE LIQUIDS.

II. COMPOSITION, INFORMATION ON INGREDIENTS							
Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
HEAVY HYDROTREATED NAPHTHA	64742-48-9	60 – 100	300 PPM				
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: POSSIBLITY OF A LIGHT IRRITATION.

Skin: POSSIBLITY OF A LIGHT IRRITATION.

Ingestion: GASTRIC DISCOMFORT, IRRITATION.

Inhalation: POSSIBLITY OF IRRITATION OF NOSE AND RESPIRATORY TRACT.

Other: ROUTE OF ENTRY: CONTACT WITH SKIN AND EYES. INHALATION.

IV. FIRST AID MEASURES

Eyes: RINSE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

Skin: RINSE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

Ingestion: DO NOT INDUCE VOMITING, DRINK PLENTY OF WATER.

Inhalation: REMOVE VICTIM TO FRESH AIR.

Other: CONTACT A PHYSICIAN.

V. FIRE FIGHTING MEASURES

Flash Point: 55° C (C.F.)

Lower Flammability Limit: 1.2%

Upper Flammability Limit: 9.3%

CO2, DRY CHEMICAL, FOAM.

Extinguishing Agents:

Unusual Fire or Explosion NONE AVAILABLE.

Hazards:

Other: AUTO-IGNITION TEMPERATURE: 349°C.

VI. ACCIDENTAL RELEASE MEASURES

CONTAIN THE SPILL. EXTINGUISH ALL IGNITION SOURCES. ABSORB THE

LIQUISD WITH A NON-COMBUSTIBLE COMMERCIAL ABSORBENT.

Other: SAFETY PRECAUTIONS: AVOID CONTACT WITH EYE AND SKIN. GROUND THE

CONTAINER AND OPEN IT WITH CARE. CONSULT SAFETY MEASURES LISTED.

VII. HANDLING AND STORAGE

Other: HANDLING: OPEN AND HANDLE CONTAINER WITH CARE. GROUND

CONTAINER. CONSULT PERSONAL SAFETY MEASURES.

STORAGE: STORE IN A WELL VENTILATED AREA. KEEP AWAY FROM IGNITION

SOURCE AND INCOMPATIBLE MATERIALS.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: SAFETY GLASSES.

Skin: NITRILE GLOVES.

Respiratory: NOT NORMALLY NECESSARY.

Engineering: ENSURE ADEQUATE VENTILATION, IF POSSIBLE WITH EXTRACTOR FANS AT

WORK STATION AND APPROPRIATE GENERAL EXTRACTION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: CLEAR COLORLESS LIQUID

Boiling Point: 177°C **Freezing Point:** <-60° C

pH: NOT APPLICABLE

Solubility in Water:INSOLUBLE.Vapor Pressure:0.1 KPA AT 20°CVapor Density:5.4 (AIR = 1)Physical State:LIQUID

Volatile Content: % VOLATILE: NOT AVAILABLE

VISCOSITY: NOT AVAILABLE.

Other: ODOR THRESHOLD: 300 PPM

COEFFICIENT OF WATER/OIL DISTRIBUTION: <1 EVAPORATION RATE: <0.1 (BUTYL ACETATE = 1).

RELATIVE DENSITY: 0.76

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

CONDITIONS OF FLAMMABILITY: TEMPERATURE ABOVE FLASH POINT.

X. STABILITY AND REACTIVITY

Stability: STABLE.

Hazardous Polymerization: WILL NOT OCCUR.

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Hazardous Decomposition NOT AVAILABLE.

Products:

Incompatible Products: OXIDIZERS, REDUCING AGENTS, ORGANIC MATERIAL, ACIDS, ALKALIS,

METALS.

Other: HAZARDOUS COMBUSTION PRODUCT: OXIDE OF CARBON.

XI. TOXICOLOGICAL INFORMATION

Special Hazard CARCINOGENICITY: NOT APPLICABLE.

Information: REPRODUCTIVE TOXICITY: NOT APPLICABLE.

TERATOGENICITY: NOT APPLICABLE. MUTAGENICITY: NOT APPLICABLE. SENSITIZATION: NOT AVAILABLE.

SYNERGISTIC PRODUCT: NOT AVAILABLE.

XII. ECOLOGICAL INFORMATION

Environmental Fate and NOT AVAILABLE.

Distribution:

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGULATIONS.

XIV. TRANSPORT INFORMATION

Other: GROUND (TDG): REGULATED UN1993, CLASS 3, PG III FLAMMABLE LIQUID,

N.O.S. (HEAVY HYDROTREATED NAPTHA).

XV. REGULATORY INFORMATION

EPA Sara Title III Chemical THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD

Listings: CRITERIA ESTABLISHED BY THE CONTROLLED PRODUCTS REGULATIONS AND

CONTAINS ALL INFORMATION REQUIRED BY THE CPR.

Other: WHMIS CLASS: REGULATED.

THIS PRODUCT CLASSIFIED: B3– COMBUSTIBLE LIQUIDS.

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER

THEY ARE APPROPRIATE.