



CWC CHEMICAL, INC.

Vegetation Management Solutions

Division of CWC Enterprises, Inc.
214 Simmons Drive
Cloverdale, VA 24077
Tel (540) 992-5766 FAX (540) 992-5801
Website: cwc-chemical.com

PRODUCT NAME: **HY-GRADE I™**

M.S.D.S. Dated 11/1/99

CAS REGISTRY NO.: 64742-55-8
CHEMICAL FAMILY: Petroleum
INFORMATION: (800) 380-9903

SECTION I — INGREDIENTS

Severely hydrotreated, chemically neutralized, hydrocarbon blend which is obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst.

SECTION 2 — PHYSICAL DATA

Specific Gravity: 0.87
Vapor Pressure: NIL
Solubility in Water: NIL
% volatiles by volume: NIL
Evaporation Rate: Negligible
Appearance: Colorless Fluid
Odor: Little Odor

SECTION 3 — FIRE AND EXPLOSION DATA

Flash Point: 260 Minimum COC (Deg. F)

(NFPA CLASSIFICATION)

Health — 0
Fire — 1
Reactivity — 0

(HAZARD RATING)

0 — least 3 — high
1 — slight 4 — extreme
2 — moderate

Fire and Extinguishing Data: Water fog, chemical foam, dry-chemical powder, carbon dioxide.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus when fighting fire in confined space.

SECTION 4 — HEALTH HAZARD INFORMATION

TLV: 5MG/M3 as mist

Inhalation — Excessive exposures may cause irritation to eyes, nose, throat. LC50 in rats is: PPM EST 2200mg/m3 time 4 hours.

Skin — Prolonged and excessive contact may cause moderate irritation. Practically non-toxic if absorbed. LD 50 > 2000 mg/kg

Eye — Contact with the eye may cause mild irritation.

Ingestion — May be harmful or fatal if swallowed. Pulmonary aspiration hazard if swallowed and vomiting occurs. LD50 in rats is > 15,000 mg/kg

FIRST AID

Inhalation: not expected to occur except as mist remove to fresh air.

Skin: wash with soap and water. If redness or swelling develops obtain medical assistance. Wash clothing before reuse

Eye: flush with water for at least 15 minutes. If irritation persists obtain medical assistance.

Ingestion: DO NOT INDUCE VOMITING!!! DO NOT GIVE LIQUIDS!!! Obtain medical assistance. Small amounts which accidentally enter mouth should be rinsed out until taste is gone.

SECTION 5 — REACTIVITY DATA

Stability — Stable

Incompatible Materials — Strong Oxidizers

Hazardous Decomposition

Products — Combustion will produce carbon monoxide and asphyxiants

Polymerization — Will not occur

SECTION 6 — SPECIAL PROTECTION INFORMATION

Ventilation — Ventilate as needed to comply with exposure limit

Personal Protection Equipment

Eye — Product minimally irritating to eyes. Local safety policy decision

Gloves — Impervious gloves recommended when prolonged skin contact cannot be avoided.

Respirator — Concentration-in-Air determines protection needed. Respiratory protection usually not needed unless product is heated or misted

SECTION 7 — DISPOSAL PROCEDURES

Spill, Leak or Release —

Contain spill. Advise EPA and state agency if required. Absorb on inert material.

Waste Disposal Method —

Follow federal, state and local regulations. Do not flush to drain/storm sewer.

SECTION 8 — SPECIAL PRECAUTIONS

Storage and handling conditions — NFPA class IIIB Storage—Store as with any industrial lubricating oil

DOT proper shipping name: Not defined as a hazardous material

DOT hazard class: Not regulated

SECTION 9 — SPECIAL CONSIDERATIONS

This product is severely hydrotreated and is currently deemed by OSHA's standards to be non-carcinogenic. However, the manufacturer believes that the OSHA standard alone does not assure non-carcinogenicity. Dermal bioassay's will continue to be a basis of the manufacturer's policy and practices for supplying non-carcinogenic basal oils. This product complies with FDA requirements under 21 CFR 178.3620(C).

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of seller's knowledge, however, seller makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof, seller assumes no responsibility for injury to buyer or to third persons for any damage to any property and buyer assumes all such risks.