

July 2007

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Inhibitor V80-M Additive for Gun Oil and Grease**

SYNONYMS: None

CHEMICAL FAMILY: Confidential Formulation of Corrosion Inhibitors

MANUFACTURER Van Patton Industries , 4337 Perryville Rd. Suite 103 Cherry Valley IL 61016-9100
For Product Information Call 1 877-454-4248

2. COMPOSITION/INFORMATION OF INGREDIENTS

OSHA REGULATED COMPONENTS				CARCINOGEN LISTING
COMPONENT	CAS. NO.	%	TWA/CEILING	OSHA,NTP OR IRAC
Light Napthenic Hydrotreated Distillate	64742-53-6	25-50%	5mg/M ³	NA
Petroleum Distillates Hydro-Treated Heavy Napthenic	64742-52-5	15-30%	5mg/M ³	NA
Calcium Alkyl naphthalenesulfonate	Proprietary	8-20%	LD ₅₀ (rat)>2000mg/kg	NA
Barium Alkyl naphthalenesulfonate	Proprietary	8-20%	LD ₅₀ (Rat).2000mg/kg ^{***}	NA
Mineral Oil	8042-47-5	5-15%	NA	NA

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE AND ODOR: Light Brown Oil, Characteristic oil odor

STATEMENTS OF HAZARD: No long term health effects known.

POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE:

Direct contact with this material may cause eye and skin irritation.

Prolonged exposure and/or contact can cause drying of skin

4. FIRST AID MEASURES

In case of skin contact, wash affected areas of skin with soap and water.

In case of eye contact, immediately irrigate with plenty of water for 15 minutes. If symptoms persist, consult a doctor

In case of swallowing consult a doctor immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: 270°F Method Cleveland Open Cup

FLAMMABLE LIMITS

(% BY VOL): Lower – 0.9 Upper 7.0

AUTOIGNITION TEMP: NA

DECOMPOSITION TEMP: Not Determined

EXTINGUISHING MEDIA AND FIRE FIGHTING INSTRUCTIONS

Use water, carbon dioxide or dry chemical to extinguish fires. Wear self-contained, positive breathing apparatus.

Do not let contaminated extinguishing material enter the soil, groundwater or surface water.

Protective Equipment : In case of fire-fighting, respirators are necessary.

6. ACCIDENTIAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Personal-safety precautions – Wear personal protective equipment

Do not allow material to enter sewer, surface or ground water. Inform respective authorities in case of seepage in water course or sewage systems. Fill materials should be collected and stored in closed, labeled container.

7. HANDLING AND STORAGE

Keep away from heat, sparks and open fires. Do not reuse container. Do not mix with strong oxidizers.

Equipment, including venting systems, should be grounded. Provide adequate ventilation in areas of use to remove dust.

Equipment and personnel should be grounded. Avoid sparks and electrostatic discharges.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT (PPE)

Engineering controls are not usually necessary if good hygiene practices are followed. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water. Avoid unnecessary skin contact. Impervious gloves are recommended to prevent prolonged skin contact. For operations where eye or face contact can occur, eye protection is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Dark Brown clear oil, characteristic oil odor

BOILING POINT: >350⁰F @ 760 mm Hg

FREEZING POINT: >-40⁰F

VAPOR PRESSURE: >0.5 mm.Hg

SPECIFIC GRAVITY .879 @70F

VAPOR DENSITY >5 (air = 1)

% VOLATILE (BY WT) <6.5%

pH: >7.5

SATURATION IN AIR (% BY VOL): Not Available

EVAPORATION RATE: <0.01 – Reference BuAc=1

SOLUBILITY IN WATER; Not soluble

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Contact with incompatible materials, high temperatures and flames

POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: Strong acids and strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide and/or oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

No experimental data is available.

12. ECOLOGICAL INFORMATION

No aquatic LC50, BOD, or COD data available

OCTANOL/H2O PARTITION COEF.: Not available

12. DISPOSAL CONSIDERATIONS

The information on RCRA waste classification and disposal methodology provided below applies only to the product, as supplied. If the material has been altered or contaminated, or it has exceeded its recommended shelf life, the guidance may be inapplicable. Hazardous waste classification under federal regulations (40 CFR Part 261 et seq) is dependent upon whether a material is a RCRA "listed hazardous waste" or has any of the four RCRA "hazardous waste characteristics." For Reactivity, see Section 10 (incompatible materials). Federal regulations are subject to change. State or local requirements, which may differ from or be more stringent than the federal regulations, may also apply to the classification of the material if it is to be disposed.

13. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

	D.O.T. SHIPPING INFORMATION	IMO SHIPPING INFORMATION
SHIPPING NAME:	Not Regulated when Packaged under 5000 lbs.	
HAZARD/CLASS	Inhibitor V80-M Additive for Gun oil and Grease.	Not Applicable
PACKING GROUP		
UN NUMBER:	Not Applicable	Not Applicable
IMDG PAGE:	Not Applicable	Not Applicable
D.O.T. (Product Reportable Quantity)		Not Applicable
HAZARDOUS SUBSTANCES:	Not Applicable	
TRANSPORT LABEL REQUIRED:	None Required	None Required
SHIPPING NAME	ICAO/IATA NOT APPLICABLE/NOT REGULATED	TRANSPORT CANADA on DSL
HAZARD CLASS	Not Applicable	Not Applicable
SUBSIDIARY CLASS:	Not Applicable	Not Applicable
UN/ID NUMBER:	Not Applicable	Not Applicable
PACKING GROUP:	Not Applicable	Not Applicable
TRANSPORT LABEL REQUIRED:	None Required	None Required

LABEL REQUIRED	None required	None Required
PACKING INSTR:	Passenger Not Applicable Cargo Not Applicable	Not Applicable
MAX NET QTY	Passenger Not Applicable Cargo Not Applicable	Not Applicable

ADDITIONAL TRANSPORT INFORMATION

TECHNICAL NAME (N.O.S.): Inhibitor V80-M Additive for Gun Oil and Grease

14. REGULATORY INFORMATION
INVENTORY INFORMATION

US TSCA: This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et.seq.

EEC EINECS: All components of this product are included in the Canadian Domestic Substances List and European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC and its amendments.

California Proposition 65 Ingredients - NONE

OTHER ENVIRONMENTAL INFORMATION The following components of this product may be subject to reporting requirements pursuant to Section 313 of CERCLA (40 CFR 372), Section 12(b) of TSCA, or may be subject to release reporting Requirements (40 CFR 307, 40 CFR 311, etc.) See Section 13 for Information on waste classification and waste disposal of this Product.
NONE

PRODUCT CLASSIFICATION UNDER SECTION 311 OF SARA
Not Applicable under SARA TITLE III

15. OTHER INFORMATION

NFPA HAZARD RATING (National Fire Protection Association)

Fire 1	FIRE: Materials that must be preheated before ignition can occur.
Health 2	HEALTH: Materials which on exposure under fire conditions would offer no hazard beyond that of ordinary combustible material.
Reactivity 0	- REACTIVITY: Materials which in themselves are normally stable, even under fire exposure conditions, and which are not reactive with water.
Protective Equipment AB	PROTECTIVE EQUIPMENT Materials should be handled with eye and hand protection

REASON FOR ISSUE:

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