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Maximizing Earths Original Resources, L.L.C.

4610 S. 33rd Place • Phoenix, AZ 85040 • Phone: (480) 929-9194 • Fax: (480) 219-6875 • www.meor.net

MATERIAL SAFETY DATA SHEET FLOWLINE VRx

SECTION I. IDENTIFICATION

Product Name:	Flowline VRx	Chemical Family:	N/A
Product Use:	Reduce viscosity and increase crude flow rate.	Synonyms:	N/A
Product Mixture:	No Hazardous ingredients as per OSHA, 29CFR 1910.1200.		
Components:	This section is proprietary.		
Department of Transportation			
Hazardous Classification:	None	Shipping Name:	Class 55
		Item Number:	30004

SECTION II. PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity:	0.801, 7.1 lbs/US gallon	Solubility In Water:	Not Soluble
Evaporation Rate:	(BuAc=1) <1 (Estimated)	PH of Concentrate:	NONE
Vapor Density	(Air=1), >1 (Estimated)	Vapor Pressure:	0.059 mm at 70°F (21°C).
% Volatile by Volume:	None		
Appearance and Odor:	Clear with a slight odor.		

SECTION III. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	170°F PMCC, ASTM D-93
Combustion Products	As with any organic material, combustion will produce carbon Dioxide an/or carbon monoxide.
Extinguishing Media:	Water sprayer, water fog, carbon dioxide, dry chemical foam.
Special fire Fighting Procedures:	Do not use streams of water; may spread burning liquid.
Unusual Fire and Explosion Hazard:	None

SECTION IV. HEALTH HAZARDOUS IDENTIFICATION

Emergency Overview:	Avoid inhalation of mist and contact with eyes
Primary Routes of Contact:	Ingestion, Inhalation, and absorption



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Physical Hazard:	Eye: May cause irritation. Skin: Repeated or prolonged exposure may cause dermatitis in sensitive individuals. Ingestion: May cause gastric disturbances such as diarrhea. Vapor Inhalation: Avoid mists, which may irritate mucous membranes.
Carcinogenicity Listings:	NPT-None, IARC-None, OSHA-None, ACGIH-None
Signs and Symptoms of Overexposure:	Red, dry skin at point of contact.
Medical Conditions Aggravated by Exposure:	Dermatitis may become aggravated by sensitive individuals.

SECTION V. FIRST AID PROCEDURES

Eye:	Remove contact lenses, flush with water for at least 15 minutes while lifting eyelids. If irritation develops and persists, contact a physician.
Skin:	Remove effected clothing. Wash skin thoroughly with soap and water. If irritation develops and persists, contact a physician.
Ingestion:	If swallowed, do not induce vomiting. May cause chemical pneumonia if aspirated into lungs.
Inhalation:	Move to fresh air. If irritation develops and persists, contact a physician.

SECTION VI. SPILL OR LEAK PROCEDURES

Small spills:	Absorb with suitable material. Dispose in an appropriate waste container.
Large spills:	Dike with soil, and or other suitable materials avoiding the use of sawdust. Recover usable product, rinse area clean.
Waste Disposal Method:	Check local and state authority requirements for disposal of large quantities.

SECTION VII. HANDLING AND STORAGE

Precautions to be Taken in Handling and Storage:	Store in tightly closed, original container away from flame or other ignition source.
Other Precautions: Container Disposal:	Practice good housekeeping procedures. Avoid prolonged skin contact. Do not reuse container. When empty, rinse before disposing.

SECTION VIII. REGULATORY INFORMATION

CERCLA, State and Local Planning (Reportable Quantities): Not required.

OSHA Compliance: This MSDS prepared in accordance with 29CFR 1919.1200 and ANSI Z400.1 standard.

SARA Title III Superfund: The product in its purchased form is not regulated under the SARA "Hazard Categories" under Section 311 and 312 of the Superfund Amendment and the Reauthorization Act of 1986 (SARA Title III).

State Right-to-Know Compliance: Not Required

TSCA: Although components of this product find listing under the Toxic Substance Act (TSCA), this blend product requires no import or export declaration.



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Volatile Organic Compound (VOC) Content: Under C12 exemption contains 37.5 Wt. %

Special Instructions: No special requirements.

SECTION IX. SHIPPING INFORMATION

DOT Label: Not Required Corrosive: No Oxidizer: No Poison: No
Hazard Class: Combustible Identification Number: N/A

SECTION X. HMIS HAZARD RATING

Health: 0 Flammability: 0 Reactivity: 0 Specific Hazard: 0

Date of Issue: 01/02/03 Supersedes:

Hazard Index: Minimal: 0, Slight: 1, Moderate: 2, High: 3, Extreme: 4



HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

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