SAFETY DATA SHEET VMAXOL SYN 18


1 Chemical Product and Company Identification

Dekker Vacuum Technologies, Inc.
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Product Trade Name: VMAXOL SYN 18- (Gal) 5220-0010-001, (5 Gal) 5220-0050-001, (55 Gal) 5220-0550-001, (Bulk) 5220-0000-001
CAS Number: Not applicable for mixtures.
Synonyms: None.
Generic Chemical Name: Mixture.
Product Type: Multipurpose.

2 Hazards Identification

Hazard Classification

Health Hazards
Aspiration Hazard Category 1

Unknown toxicity
Acute toxicity, oral 0.0 %
Acute toxicity, dermal 0.0 %
Acute toxicity, inhalation, vapor 99.5 %
Acute toxicity, inhalation, dust or mist 99.5 %

Label Elements:
Hazard Symbol:

Signal Word: Danger
Hazard Statement: May be fatal if swallowed and enters airways.

Precautionary Statement:
Response: IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.
Storage: Store locked up.
Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification: None identified.

See Section 11 for complete health hazard information.

3 Composition/Information on Ingredients

General information:
Chemical Name: Hydrocarbon Polymer
CAS Number: Confidential
% by Weight: 90-100%

Trade secret information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4 First Aid Measures

Ingestion: Do NOT induce vomiting. Aspiration of material due to vomiting can cause chemical pneumonitis which can be fatal. If vomiting occurs naturally, the casualty should lean forward to reduce the risk of aspiration. Immediately call a POISON CENTER or doctor/physician.
Inhalation: Remove exposed person to fresh air if adverse effects are observed.
Skin Contact: Wash with soap and water. If skin irritation occurs, get medical attention.
Eye contact: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.

Most important symptoms/effects, acute and delayed
Symptoms: See section 11.
Indication of immediate medical attention and special treatment needed
Treatment: Treat symptomatically.

5 Fire Fighting Measures

General Fire Hazards: No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media
Suitable extinguishing media: CO2, dry chemical, foam, water spray, water fog.
Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: A solid stream of water will spread the burning material. Material creates a special hazard because it floats on water. See section 10 for additional information.

Special protective equipment and precautions for firefighters
Special fire fighting procedures: No data available.
Special protective equipment for fire-fighters: Recommend wearing self-contained breathing apparatus.

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
Personal protective equipment must be worn, see Personal Protection Section for PPE recommendations.

Methods and material for containment and cleaning up:
Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

Environmental Precautions:
Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.

7 Handling and Storage

Precautions for safe handling: Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment.

Maximum Handling Temperature: Not determined.

Conditions for safe storage, including Any incompatibilities:
Store away from incompatible materials. See section 10 for incompatible materials.

Maximum Storage Temperature: Not determined.

8 Exposure Controls/Personal Protection

Control Parameters:
Occupational Exposure Limits: None of the components have assigned exposure limits.

Appropriate engineering controls: No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment
General information: Use personal protective equipment as required.
Eye/face protection: If contact is likely, safety glasses with side shields are recommended.
Skin Protection
Hand Protection: Nitrile. Suitable gloves can be recommended by the glove supplier.
Respiratory Protection: Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.
Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

9 Physical and Chemical Properties

Appearance
Physical state: liquid
Form: liquid
Color: Colorless to yellow
Odor: Mild
Odor threshold: No data available.
P: No data available.
Freezing point: No data available.
Boiling Point: No data available.
Flash Point: 399.9 °F (204.4 °C) (Cleveland Open Cup)
Evaporation rate: No data available.
Flammability (solid, gas): No data available.
Upper/lower limit on flammability or explosive limits
Flammability limit - upper (%): No data available.
Flammability limit - lower (%): No data available.
Explosive limit - upper (%): No data available.
Explosive limit - lower (%): No data available.
Vapor pressure: No data available.
Vapor density: No data available.
Relative density: 0.82 68 °F (20 °C)
Solubility (in water): Insoluble in water
Solubility (other): No data available.
Partition coefficient (n-octanol/water): No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: No data available.

10 Stability and Reactivity

Reactivity: No data available.
Chemical Stability: Material is stable under normal conditions.
Possibility of Hazardous Reactions: Will not occur.
Conditions to Avoid: Do not expose to excessive heat, ignition sources, or oxidizing materials.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion

11 Toxicological Information

Information on likely routes of exposure
Inhalation: No data available.
Ingestion: No data available.
Skin Contact: No data available.
Eye contact: No data available.

Information on toxicological effects
Acute toxicity
Oral
Product: Not classified for acute toxicity based on available data. Material can be aspirated into the lungs during the act of swallowing or vomiting. This could result in severe injury to the lungs and death.

Dermal
Product: Not classified for acute toxicity based on available data.

Inhalation
Product: Not classified for acute toxicity based on available data.

Skin Corrosion/Irritation:
Product: Prolonged or repeated contact may cause irritation.
Remarks: Not classified as a primary skin irritant.

Serious Eye Damage/Eye Irritation:
Product: Remarks: Not classified as a primary eye irritant.

Respiratory sensitization: No data available

Skin sensitization:
Hydrocarbon polymer Classification: Not a skin sensitizer. (Literature) Not a skin sensitizer.

Specific Target Organ Toxicity - Single Exposure:
Hydrocarbon polymer
If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.
Aspiration Hazard:
Product: May be fatal if swallowed and enters airways.

Chronic Effects
Carcinogenicity: No data available

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogenic components identified

No carcinogenic components identified

Germ Cell Mutagenicity:
No data available

Reproductive toxicity:
No data available

Specific Target Organ Toxicity - Repeated Exposure:
No data available

Ecotoxicity
Fish
Hydrocarbon polymer
LC 50 (Rainbow Trout, 4 h): > 1,000 mg/l

Aquatic Invertebrates
Hydrocarbon polymer
EC 50 (Water flea (Daphnia magna), 2 d): > 1,000 mg/l
EC 50 (Water flea (Daphnia magna), 21 d): > 125 mg/l
NOEC (Water flea (Daphnia magna), 21 d): 125 mg/l

Toxicity to Aquatic Plants
Hydrocarbon polymer
LC 50 (Green algae (Scenedesmus quadricauda), 3 h): > 1,000 mg/l
NOEC (Green algae (Scenedesmus quadricauda), 3 h): > 1,000 mg/l

Toxicity to soil dwelling organisms
No data available

Sediment Toxicity
No data available

Toxicity to Terrestrial Plants
No data available

Toxicity to Above-Ground Organisms
No data available

Toxicity to microorganisms
No data available

Persistence and Degradability
Biodegradation
Hydrocarbon polymer
OECD TG 301 D, 2 %, 28 d, Not readily degradable.

Bioaccumulative Potential
Bioconcentration Factor (BCF)
No data available

Partition Coefficient n-octanol / water (log Kow)
Hydrocarbon polymer
Log Kow: > 6.5 (Measured)

Mobility:
No data available

Other Adverse Effects:
No data available.

Disposal Considerations
Disposal instructions:
Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

Contaminated Packaging:
Container packaging may exhibit hazards.

Transport Information
DOT
Not regulated.

IMDG
Not regulated.
Not regulated.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
None known.

Review classification requirements before shipping materials at elevated temperatures.

US Federal Regulations
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
None known.

SARA 302 Extremely Hazardous Substance
SARA 304 Emergency Release Notification
SARA 311/312 Hazardous Chemical
SARA 313 (TRI Reporting)
This product may contain chemical(s) regulated under the Superfund Amendments and
Reauthorization Act (SARA).

US State Regulations
US. California Proposition 65
No ingredient regulated by CA Prop 65 present.

Inventory Status
Australia (AICS) All components are in compliance with chemical notification requirements in Australia.
Canada (DSL/NDSL) All components are in compliance with the Canadian Environmental Protection Act and are present on the
Domestic Substances List.
China (IECSC) All components of this product are listed on the Inventory of Existing Chemical Substances in China.
Japan (ENCS) All components are in compliance with the Chemical Substances Control Law of Japan.
Korea (ECL) All components are in compliance in Korea.
New Zealand (NZIoC) All components are in compliance with chemical notification requirements in New Zealand.
Philippines (PICCS) All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes
Switzerland (SWISS) All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
Taiwan (TCSCA) All components of this product are listed on the Taiwan inventory.
United States (TSCA) All components of this material are on the US TSCA Inventory.

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

US NFPA Codes
Health Fire Reactivity Special
1 1 0 N/E

(N/E) - None established

HMIS Codes
Health Fire Reactivity

0 1 0

Precautionary Labels
May cause eye irritation. May cause skin irritation. May cause respiratory tract irritation.

Revision Indicators
All: Reformat to SDS Requirements 11 November 2015

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