

VAPCO PRODUCTS DIV.
401 Marshall Road
Valley Park, MO 63088

BENZOIL

HMIS: NFPA:

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Emergency Telephone: (800) 255-3924

Data Sheet: 107
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*This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

Section 1: Composition/ Information on Ingredients

Chemical name: Alkylate
CAS No.: 6855-24-3 / 68081-77-6

Section 2: Hazards Identification

Permissible Exposure Limits: No OSHA standard or Threshold Limit Value has been established for this material

Effects of Acute Overexposure:

Eyes: Slightly irritating but does not injure eye tissue.

Skin: No hazard in normal industrial use. Prolonged contact may cause irritation. Exposure to hot material may cause thermal burns.

Breathing: Negligible hazard at ambient (-18 to 38 Deg. C; to 100 Deg. F) or recommended blending temperature. Avoid breathing vapors or mists.

Swallowing: Minimal toxicity. Give water. Do not induce vomiting.

Primary Route(s) of Entry: N.A.

Effects of Chronic Overexposure: N.A.

Medical Conditions Aggravated by Exposure: N.A.

Section 3: First Aid Measures

EYES: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

INGESTION: First aid is normally not required.

Section 4: Fire Fighting Measures

Flash Point: 155 Deg. C min.

Flammable limits: N.A.

Extinguishing Media: CO₂, Dry Chemical, Foam, or any Class B agent.

Hazardous Decomposition Products: None. Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

Fire Fighting Procedures: Firefighters or others exposed to vapors or products of combustion should wear full protective clothing and self-contained breathing apparatus. Thoroughly decontaminate equipment after use.

Section 5: Accidental Release Measures

Spills and Leaks: Remove mechanically or contain on an absorbent material. Treat as an oil spill.

Section 6: Handling and Storage

Storage: No special Requirements

Section 7: Exposure Controls/Personal Protection

Respiratory Protection: Where concentrations in air may exceed 5mg/m³, and if engineering work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

Ventilation: The use of mechanical dilution ventilation is recommended whenever this product is used in confined space, is heated above ambient temperatures or is agitated.

Protective Gloves: Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield.

Eye Protection: For open systems where contact is likely, wear safety glasses with side shields.

Other Protective Equipment:

Section 8: Physical and Chemical Properties

<u>Property</u>	<u>Measurement</u>	<u>Property</u>	<u>Measurement</u>
Boiling Point	315°C	Specific Gravity	0.86
Vapor Pressure	N.A.		
Vapor Density	N..A.		
Solubility In Water	Practically insoluble in water		

Section 9: Stability and Reactivity

Hazardous Polymerization: Will not occur.

Stability: Stable

Section 10: Toxicological Information

N.A.

Section 11: Ecological Information

N.A.

Section 12: Disposal Considerations

Waste Disposal: Disposal must be in accordance with applicable federal, state, or local regulations. Determine waste classification at time of disposal. Conditions of use may render the spent product a hazardous waste. Enclosed-controssed incineration is recommended unless directed otherwise by applicable ordinances.

Empty Containers: The container for this product can present explosion or fire hazards, even when emptied. To avoid risk of injury, do not cut, puncture or weld on or near this container. Since the emptied containers retain product residue, follow label warnings even after container is emptied.

Section 13: Transportation Information

U.S. Surface Freight Classification: Petroleum Oil, NOIBN

Section 14: Regulatory Information

TSCA Status: This product is listed on the TSCA inventory.

CERCLA Reportable Quantity: This product is not subject of any special reporting under the requirements under 40 CFR Part 302.4

SARA Status: This product does not contain any Section 313 reportable ingredients and is not regulated under SARA Title III

OSHA Hazard Communication Standard: This product is not hazardous as defined in 29 CFR 1910.1200.

DOT Hazard Class/ ID Number: Not applicable.

Section 15: Other Information

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.