

MATERIAL SAFETY DATA SHEET

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PRODUCT INFORMATION

Product Name: RF100
Chemical Name: Alkylate
CAS NO.: 68855-24-3
Emergency Phone Number: CHEMTREC (800) 424-9300
Other Safety Information: (281) 587-0900
Exposure Standard: No OSHA standard or Threshold Limit Value has been established for this material.
HMIS/NFPA Codes: (Health;0)(Flammability;1)(Reactivity;0)
U.S. Surface Freight Classification: Petroleum Oil, NOIBN

TYPICAL CHEMICAL & PHYSICAL PROPERTIES

Specific Gravity: 0.86 **Viscosity:** 18 - 21 cSt @ 40 C
Boiling Point: 300 Deg. C **Vapor Pressure:** N/A at ambient
Solubility in Water: Practically insoluble in water.

REACTIVITY DATA

Stability: Stable.
Hazardous Decomposition Products: None. Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.
Hazardous Polymerization: Will not occur.

HEALTH INFORMATION & PROTECTION

NATURE OF HAZARD

EYE CONTACT:

Slightly irritating but does not injure eye tissue.

SKIN CONTACT:

No hazard in normal industrial use. Prolonged contact may cause irritation.

Exposure to hot material may cause thermal burns.

INHALATION:

Negligible hazard at ambient (-18 to 38 Deg. C; 0 to 100 Deg. F) or recommended blending temperature.

Avoid breathing vapors or mists.

INGESTION:

Minimal toxicity. Give water. Do not induce vomiting.

FIRST AID

EYE CONTACT:

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.

WORKPLACE EXPOSURE LIMITS

THE FOLLOWING OCCUPATIONAL EXPOSURE LIMITS ARE RECOMMENDED:

Due to the oil-based components of this mixture, if misting occurs, control of exposure to 5mg/m³ or less is recommended.

HEALTH INFORMATION & PROTECTION - CONTINUED

PRECAUTIONS

PERSONAL PROTECTION:

For open systems where contact is likely, wear safety glasses with side shields.
Where contact may occur, wear safety glasses with side shields.
Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield.
Where concentrations in air may exceed the limits given in this section and 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.

FIRE AND EXPLOSION DATA

Flash Point:	130 deg. C min.
Flammable Limits:	N/A
Extinguishing Media:	CO2, Dry Chemical, Foam, or any Class B agent.
Fire Fighting:	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.

STORAGE AND ENVIRONMENTAL PROTECTION

STORAGE REQUIREMENTS:

No special requirements

SPILLS AND LEAKS:

Remove mechanically or contain on an absorbent material. Treat as an oil spill.

STORAGE AND ENVIRONMENTAL PROTECTION - CONTINUED

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-controlled 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.

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.

Revision Date: 7/29/08

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