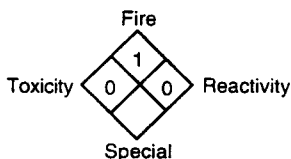


Material Safety Data Bulletin

COPELAND ULTRA 200



NFPA HAZARD RATING

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant

DIVISION AND LOCATION — SECTION I

Division: PETROLEUM SPECIALTIES GROUP
Location: GRETNA, LA
P.O. BOX 308, GRETNA, LA 70054-0308
Emergency Telephone Number: (504) 366-7281
Transportation Emergency: CHEMTREC 1-(800) 424-9300
(U.S. and Canada)

CHEMICAL AND PHYSICAL PROPERTIES — SECTION II

Chemical Name: ALKYLATE
Formula: proprietary
Hazardous Decomposition Products: fumes, smoke, carbon monoxide, aldehydes and other decomposition products in the case of incomplete combustion.
oxides of nitrogen
Incompatibility (Keep away from): strong bases, oxidizing agents
Toxic and Hazardous Ingredients: none
Form: liquid **Odor:** slight petroleum
Appearance: clear **Color:** light yellow
Specific Gravity (water=1): typically .86
Boiling Point: no data available
Melting Point: not applicable
Solubility in Water (by weight %): negligible
Volatile (by weight %): 0 at 25°C
Evaporation Rate: not applicable
Vapor Pressure (mm Hg at 20°C): less than 1
Vapor Density (air=1): no data available
pH (as is): not applicable
Stability: Product is stable under normal conditions
Viscosity SUS at 100°F: Less than 100

FIRE AND EXPLOSION DATA — SECTION III

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus with full facepiece operated in pressure demand or positive pressure mode. Use full turnout gear.
Unusual Fire and Explosion Hazards: none
Flashpoint: (Method Used) ASTM D-92 greater than 150°C (300°F)
Flammable limits %: no data available
Extinguishing agents:

Drychemical or Waterfog or CO₂ or Foam or Sand/Earth
Closed containers exposed to fire may be cooled with water.

HEALTH HAZARD DATA — SECTION IV

Permissible concentrations (air): no data available
Chronic effects of overexposure: no data available
Acute toxicological properties: no data available
Emergency First Aid Procedures:

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician.

Skin Contact: Remove contaminated clothing. Wash skin with soap & water. If irritation develops, contact a physician.

Inhalation: Remove to fresh air and if victim is not breathing, give artificial respiration. Call a physician immediately.

If Swallowed: Contact a physician in the event of abdominal distress.

SPECIAL PROTECTION INFORMATION—SECTION V

Ventilation Type Required (Local, mechanical, special): local if necessary to control mist or fumes from hot material
Respiratory Protection (Specify type): Not-normally needed at ambient temperature. Use NIOSH/MSHA approved respirator where this product or its solutions are misted or sprayed.
Protective Gloves: neoprene type
Eye Protection: chemical safety goggles and, if handled hot, full face shield
Other Protective Equipment: solvent resistant apron

HANDLING OF SPILLS OR LEAKS — SECTION VI

Procedure for Clean-Up:
Use appropriate protective clothing during clean-up. Shut off leak and dike up large spills. Absorb with an inert material such as earth, sand or vermiculite. Sweep up and dispose of in accordance with Federal, State and local regulations.
Waste Disposal:
Controlled incineration or landfill subject to all applicable Federal, State and local regulations.

SPECIAL PRECAUTIONS — SECTION VII

Precautions to be taken in handling and storage:
Keep container closed until ready for use.
Do not store near strong oxidizing agents.
Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Wash clothing before reuse.
Store in a cool, dry area.
Maximum Storage Temperature: 66°C (150°F)

TRANSPORTATION DATA — SECTION VIII

D.O.T.: Not Regulated
Reportable Quantity: not applicable
Freight Classification: 65 Petroleum Oil, n.o.i.b.n.
Special Transportation Notes: none

ENVIRONMENTAL/SAFETY REGULATIONS — SECTION IX

Section 313 (Title III Superfund Amendment and Reauthorization Act): This product does not contain any chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 4D CFR Part 372.

COMMENTS

This product has not been tested in long term, chronic exposure tests, therefore, the handling procedures and safety precautions in the MSDS should be followed to minimize employee exposure.

LABEL INFORMATION

CAUTION: May cause skin and eye irritation with prolonged or repeated contact.

EMERGENCY FIRST AID PROCEDURES

- Eye Contact - Flush immediately with large amounts of water for at least 15 minutes. Call a physician.
- Skin Contact - Remove excess with cloth or paper. Wash thoroughly with soap and water. If Swallowed-Call a physician immediately.
- If Inhaled - Remove to fresh air.

SAFETY AND HANDLING

Keep container closed when not in use. Wear oil resistant gloves, safety goggles and, if handled hot, full face shield. **KEEP OUT OF REACH OF CHILDREN!** See material safety data sheet for detailed information.

Wear protective clothing and equipment during cleanup. Absorb spills on an inert material such as earth, sand or vermiculite: sweep up and dispose of in accordance with federal, state and local regulations.

ATTENTION: Never use pressure to empty; drum is not a pressure vessel. When empty, drum may have vapor or product residue. Residual vapors may explode on ignition; do not puncture, drill, grind or weld on or near this container. **FOR INDUSTRIAL USE ONLY.**

Signature: Kenneth Blair

Title: Manager. Regulatory Affairs 2D3-552-345/

Original Date: 02/28/97

Sent to: _____

Revision Date: _____

Supersedes: _____

Date Sent: _____

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