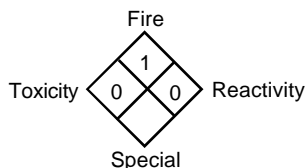


# Material Safety Data Bulletin

## 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 CO<sub>2</sub> 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

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**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.

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**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.

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**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.**

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**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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