



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

NONYL PHENOL 9.5

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc.	Emergency Number: Chemtrec	800-424-9300
135 Newbury Street		703-527-3887
Framingham, MA 01701	Information Number:	800-238-0001

Date: August 2007

Synonyms: Nonylphenol ethoxylate

CAS #: 9016-45-9

DOT Hazard Class Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Nonyl Phenol 9.5 99.5% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A clear nonionic liquid surfactant. Keep away from intense heat and direct flame. Incompatible with strong oxidants. Will irritate eyes, skin and is moderately toxic by ingestion.

POTENTIAL HEALTH EFFECTS:

Eyes: Could cause severe irritation.

Skin: May cause irritation upon repeated contact.

Inhalation: Decomposition may cause respiratory irritation.

Ingestion: May cause nausea, vomiting and diarrhea.

CARCINOGENICITY: Not listed under OSHA, IARC, or NTP.

SECTION 4 - FIRST AID MEASURES

Eyes: Flush at once with plenty of water for at least 15 minutes. Call a physician.

Skin: Flush with water after contact. Wash contaminated clothing before reuse.

Inhalation: Remove the victim to fresh air. If necessary, apply oxygen or artificial respiration.

Ingestion: Induce vomiting after drinking two glasses of water. Never give anything by mouth to an unconscious person.

Consult a physician if any of the symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: >200°C

Flammable Limits: Not Known

Extinguishing Media: Carbon dioxide, water spray, foam and dry chemical.

Special Fire Fighting Procedures:

Wear self contained breathing apparatus. Wear full protective equipment. Cool tank or container with water spray.

Unusual Fire Explosion Hazard: May product a floating fire hazard.

Auto Ignition Temperature: Not Known

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spilled liquid with sand or earth. Place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. **Caution:** Material can make the floor slippery.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Avoid breathing any fumes. Use normal personal hygiene and housekeeping. Store in cool dry area away from strong oxidizing materials.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate vapors from the work area.

SKIN AND EYE PROTECTION:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from liquid.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION cont'd **WORK, HYGIENIC PRACTICES:**

As required to protect skin and eyes from liquid, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE GUIDELINES: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: <200°C

Vapor Pressure (MM Hg): <0.01

Vapor Density (AIR=1): >10

Specific Gravity (H2O=1): 1.06

Bulk Density: N/A

Percent Volatile by Volume (%): ~ 0.5%

Freezing Point: ~ 3°C (37°F)

Evaporation Rate (Butyl Acetate=1): <0.01

Solubility in Water: Complete

pH: 5.0 - 8.0 @ 1%

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and dioxide.

KEEP AWAY FROM: Strong oxidants, acids and strong bases at high temperatures.

SECTION 11 - TOXICOLOGICAL INFORMATION

LD₅₀ (ORAL RATS) - 3000 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME:.....Nonyl Phenol 9.5

SECTION 15 - REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT):

State: This product is listed on the TSCA Inventory.

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Immediate (acute) Health Hazard

SECTION 16 - OTHER INFORMATION

Reason for Issue: Changed Date

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