SAFETY DATA SHEET: NONOXYNOL-9

1. IDENTIFICATION

Product Name: NONOXYNOL-9
Synonyms: Macol ® NP9.5; Surfonic Vanwet ® 9N9
Formula and Formula Weight: NA NA
Integra numbers beginning with: N802.50
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

INTEGRA Chemical Company
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2. HAZARDS IDENTIFICATION

OSHA Classification:
Skin Corrosion/Irritation 2 Causes skin irritation.
Eye Damage/Irritation 2B Causes eye irritation.
Specific Target Organ Toxicity (single exposure) 3 May cause respiratory irritation.

Precautionary Statements
Prevention:
Avoid breathing dust, fume, gas, mist, vapors, spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves.

Response:
If on skin: Wash with plenty of water.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a poison center, doctor if you feel unwell.
Specific treatment (see first aid section on this label)
If skin irritation occurs: Get medical advice, attention.
If eye irritation persists: Get medical advice, attention.
Take off contaminated clothing and wash it before reuse.

Storage
Store in a well ventilated place. Keep container tightly closed.
Store locked up.

Disposal
Dispose of contents, container in accordance with all governmental regulations.

Hazard Category:
2 Causes skin irritation.
2B Causes eye irritation.
3 May cause respiratory irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Synonyms CAS # % Weight
a-(nonylphenyl)-o-hydroxy-poly(oxy-1,2-ethanediyl) Macol ® NP9.5; Surfonic Vanwet ® 9N9 09016-45-9 100

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with plenty of water. Remove contact lenses, if present and easy to do. If irritation persists, seek medical attention.
Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.
Ingestion: If conscious, rinse mouth and give victim large amounts of water. Seek medical attention.
Additional notes: Symptoms and effects include skin, eye, respiratory irritation; gastrointestinal upset, abdominal pain, vomiting, diarrhea.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, carbon dioxide, dry chemical or foam.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: None identified
Hazardous combustion products: Oxides of carbon.

### 6. ACCIDENTAL RELEASE MEASURES
Spill Procedures: Prevent spread of spill. Absorb with sand or inert material. Sweep or scoop into a dry disposal container.

### 7. HANDLING AND STORAGE
Incompatible Materials: Incompatible with strong oxidizers.
Storage and Handling: Store locked up in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage.
Avoid breathing dust, fume, gas, mist, vapors, spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION
OSHA & ACGIH Exposure Limits:
- \(a-(nonylphenyl)-o-hydroxy-poly(oxy-1,2-ethanediyl)\) None identified

Engineering Controls: Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
Respiratory Protection: If use generates annoying or irritating dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.
Skin/Eye Protective Equipment: Safety goggles, protective clothing and gloves appropriate for the risk of exposure.
Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers.
Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

### 9. PHYSICAL AND CHEMICAL PROPERTIES
- Appearance: Clear, colorless to pale yellow liquid
- Odor: Slight odor
- Odor Threshold: Not available
- pH: Not available
- Melting/Freezing Point: Not available
- Initial Boiling Point and Boiling Range: Not available
- Flash Point: 460 °F
- Evaporation Rate: Not available
- Flammability: Not available
- Flammable or Explosive: Upper: Not available
  Lower: Not available
- Vapor Pressure: Not available
- Vapor Density: Not available
- Relative Density: 1.06 Water=1
- Solubility: Completely soluble in water
- Partition Coefficient: n-octanol/water: Not available
- Auto-Ignition Temperature: Not available
- Decomposition Temperature: Not available
- Viscosity: Not available

### 10. STABILITY AND REACTIVITY
- Reactivity: No information available
- Stability: Stable
- Possibility of Hazardous Reactions: Hazardous polymerization will not occur
- Conditions to Avoid: None identified
- Incompatibilities: Incompatible with strong oxidizers.
- Decomposition Products: Oxides of carbon.

### 11. TOXICOLOGICAL INFORMATION
Effects of Over Exposure:
- Inhalation: Inhalation may irritate the nose, throat and upper respiratory tract.
- Skin Contact: Contact may cause skin irritation.
- Eye Contact: Contact may be irritating to the eyes.
- Ingestion: May cause gastrointestinal upset with symptoms of abdominal pain, vomiting and diarrhea.
- Chronic Effects: None identified
- Target Organs: None identified
- Additional Effects: None identified
- Reproductive Effects: None identified
16. OTHER INFORMATION

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***** END OF SDS *****