

MILES® SURFACTANT 91-6 (C9–C11 ALCOHOL ETHOXYLATE)**Safety Data Sheet****SECTION 1: IDENTIFICATION**

Product Name: Alcohols, C9–C11, ethoxylated (approx. 6 EO)

CAS No.: 68439-46-3 | **Formula:** C9–C11 primary alcohol ethoxylate, average 6 moles ethylene oxide

Recommended Use: Surfactant, detergent, wetting agent and dispersant for household and industrial cleaners

Supplier: Miles Lubricants LLC

Emergency Telephone: CHEMTREC 1-800-424-9300 (US)

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification: Acute Tox. 4 (oral); Eye Dam. 1

Signal Word: Danger

Hazard Statements: H302 – Harmful if swallowed. H318 – Causes serious eye damage.

Precautionary Statements: P264, P270, P280, P301+P312, P305+P351+P338, P310, P501

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Alcohols, C9–C11, ethoxylated (CAS 68439-46-3): approx. 100%

SECTION 4: FIRST-AID MEASURES

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes, holding eyelids open; seek immediate medical attention.

Skin Contact: Wash with soap and water; seek medical attention if irritation persists.

Inhalation: Move to fresh air; seek medical attention if symptoms persist.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, foam, dry chemical, CO₂.

Special Hazards: Combustible; combustion produces carbon oxides.

Firefighter PPE: SCBA and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear protective equipment. Absorb with inert material; keep out of drains and waterways. Surfaces may be slippery.

SECTION 7: HANDLING AND STORAGE

Keep containers closed and away from flammables, oxidizers and corrosives. If frozen, thaw and mix before use; avoid localized overheating.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No exposure limit established.

Engineering Controls: General ventilation; eyewash station nearby.

PPE: Chemical splash goggles and face shield; chemical-resistant gloves; protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to slightly hazy liquid

Pour Point: 6°C (43°F) | **Cloud Point (1% aqueous):** 54°C

Density: 0.976 g/mL @ 40°C | **Flash Point:** 150°C (302°F)

Viscosity: 21 mm²/s @ 40°C | **HLB:** 12.5

Solubility in Water: Soluble

SECTION 10: STABILITY AND REACTIVITY

Stable under normal conditions. Avoid strong oxidizers and strong acids.

SECTION 11: TOXICOLOGICAL INFORMATION

Harmful if swallowed; causes serious eye damage; low skin and respiratory toxicity.

SECTION 12: ECOLOGICAL INFORMATION

Readily biodegradable. May be harmful to aquatic life at high concentrations.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose per local/state/federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated as a hazardous material (confirm with your supplier's SDS).

SECTION 15: REGULATORY INFORMATION

Listed on TSCA. Confirm current federal, state and local regulatory status.

SECTION 16: OTHER INFORMATION

This SDS is a general reference compilation and does not replace the manufacturer's or Miles Lubricants LLC's officially issued, lot-specific SDS.