

SAFETY DATA SHEET



Mastercool[®]
"World Class Quality"

Date Issued : 05/07/2018

SDS No : 0886

ZEROL[®] PAG 68 - PAG 65 OIL

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ZEROL[®] PAG 68 - *PAG 65 Oil*

PRODUCT DESCRIPTION: Compressor Lubricant

MANUFACTURER

Mastercool Inc.
 1 Aspen Drive
 Randolph, NJ 07869
 Customer Service: (973) 252-9119

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553

CHEMTREC (US Transportation) : (800) 424-9300

International: (703) 527-3887

2. HAZARDS IDENTIFICATION

GHS LABEL

This product is not classified as hazardous according to 29CFR 1910.1200.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
alpha-Butyl-omega-Hydroxypoly(oxyethylene) poly(oxypropylene)	100	9038-95-3

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: Rinse mouth with water. Do not induce vomiting. Seek medical attention if you feel unwell.

INHALATION: Remove to fresh air. If breathing is difficult seek medical attention.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry Chemical, CO2, Foam. Water Spray.

HAZARDOUS COMBUSTION PRODUCTS: May produce hazardous fumes.

FIRE FIGHTING PROCEDURES: Do not use a water jet.

FIRE FIGHTING EQUIPMENT: In case of fire, wear a full-face positive pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain and soak up spill with absorbent material and provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent material from entering drains or watercourses using sand, earth or other appropriate barriers.

LAND SPILL: Prevent contamination of the soil.

GENERAL PROCEDURES: Avoid contact with skin or eyes. Avoid contact with spilled materials. Use appropriate personal protective equipment.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Handle in accordance with good industrial hygiene and safety practices.

HANDLING: Use only in a well ventilated area. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing.

STORAGE: Keep container tightly closed in a dry, well-ventilated place.

STORAGE TEMPERATURE: Store in a cool place below 120°F/49°C under nitrogen blanket as this product is hygroscopic. For prolonged storage above 60°C, store in rust free container using nitrogen blanket.

STORAGE PRESSURE: Atmospheric.

SPECIAL SENSITIVITY: This is a hygroscopic product. Avoid open containers, exposure to humidity and contact with water.

COMMENTS: Recommended storage container materials are rust free mild steel or stainless steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Eye washes and showers for emergency use.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) or a face shield.

SKIN: Use chemically resistant gloves; appropriate materials are PVC. Nitrile.

RESPIRATORY: Use appropriate protection if there is risk of breathing the mists or vapors or heated materials.

PROTECTIVE CLOTHING: Wear full protective clothing and chemical resistant gloves to prevent prolonged skin contact.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face before eating, drinking, smoking and using the restroom. Launder contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild

APPEARANCE: Water white to faintly yellow.

PHYSICAL STATE COMMENTS: Clear, bright, viscous.

pH: ~ 5.5 to 7.5

FLASH POINT AND METHOD: 262°C COC-ASTM D-92

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

POUR POINT: -50°C

SOLUBILITY IN WATER: Partially soluble

SPECIFIC GRAVITY: 1.04 at 20°C

VISCOSITY #1: 68 cSt at 40°C

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon. Small amounts of aldehydes, ketones, and alcohols.

INCOMPATIBLE MATERIALS: Strong oxidizers, strong acids.

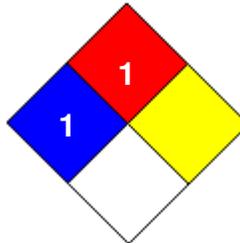
11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY**DERMAL LD₅₀:** > 5000 mg/kg**Notes:** rabbit**ORAL LD₅₀:** > 5000 mg/kg**Notes:** rat**SERIOUS EYE DAMAGE/IRRITATION:** Not a primary irritant.**GERM CELL MUTAGENICITY:** Not Available**REPRODUCTIVE TOXICITY:** Not Available**STOT-SINGLE EXPOSURE:** Not Available**STOT-REPEATED EXPOSURE:** Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.**GENERAL COMMENTS:** Used materials should be handled with caution. Proper health, safety, and disposal methods should be taken during handling of used materials. Avoid contact with skin and eyes.**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** Ecotoxicological data have not been determined specifically for this product. The information below is given based on knowledge of the components.**ECOTOXICOLOGICAL INFORMATION:** Testing of a similar substance indicates material is non-toxic to aquatic life.**BIOACCUMULATION/ACCUMULATION:** Not expected to bio-accumulate.**DISTRIBUTION:** Insoluble in water. Adsorbs to soil and has low mobility.**CHEMICAL FATE INFORMATION:** Expected to be partially or slowly biodegradable.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose of contents/container to a licensed contractor or facility in accordance with local, state and federal regulations.**PRODUCT DISPOSAL:** The preferred options for disposal include reuse, recycling, co-processing, finding a use for by-product, incineration or other thermal destruction at licensed facilities.**EMPTY CONTAINER:** Clean container thoroughly and dispose to licensed disposal contractor.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not regulated for transport**ROAD AND RAIL (ADR/RID):** NA = Not Applicable**AIR (ICAO/IATA):** NA = Not Applicable**VESSEL (IMO/IMDG):** NA = Not Applicable**CANADA TRANSPORT OF DANGEROUS GOODS:** NA = Not Applicable**15. REGULATORY INFORMATION****UNITED STATES****TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA STATUS:** All components listed or exempt.**CANADA****DOMESTIC SUBSTANCE LIST (INVENTORY):** All components are listed or exempt.**16. OTHER INFORMATION****REASON FOR ISSUE:** Original Version**APPROVED BY:** Audris King **TITLE:** HS&E Manager**Date Prepared:** 05/07/2018

HMIS RATING

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA CODES



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