

SAFETY DATA SHEET

Date Prepared : 03/09/2016
SDS No : Grind Kool

Grind Kool

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Grind Kool
GENERAL USE: 208-375-7200
PRODUCT DESCRIPTION: Grinding Coolant
PRODUCT CODE: Grind Kool
PRODUCT FORMULATION NAME: SS Coolant
CHEMICAL FAMILY: Water Based Grinding Coolant

MANUFACTURER

Technichem Corp
1 N Maple Grove Road
Boise, ID 83704
Emergency Contact: Brian Rencher
Emergency Phone: 208-375-7200
Customer Service: 208-375-7200
Transportation: 1-800-633-8253 PERS

24 HR. EMERGENCY TELEPHONE NUMBERS

PERS 1-800-633-8253 contract # 8575

2. HAZARDS IDENTIFICATION

GHS LABEL



Exclamation
mark

HAZARD STATEMENTS

H303 + H313: May be harmful if swallowed or in contact with skin.
H320: Causes eye irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Distillates, Petroleum, Hydrotreated Heavy Naphthenic	< 6	64742-52-5
Linear Primary Alcohol Ethoxylate	< 4	68439-46-3
1, 2-Propanediol	< 8	57-55-6
Ethanol, 2, 2', 2''-nitrilotris	< 8	102-71-6

4. FIRST AID MEASURES

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

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation and redness

SKIN: Contact causes skin irritation.

SKIN ABSORPTION: None Expected.

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INHALATION: None Expected.
ACUTE EFFECTS: None Expected.
CHRONIC EFFECTS: None Expected.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None
EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
HAZARDOUS COMBUSTION PRODUCTS: None Expected.
EXPLOSION HAZARDS: None
FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
FIRE EXPLOSION: None
SENSITIVE TO STATIC DISCHARGE: None
SENSITIVITY TO IMPACT: None
HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Mop up with water and rinse
LARGE SPILL: After removal, flush contaminated area thoroughly with water.
GENERAL PROCEDURES: Clean up spills immediately, observing precautions in Protective Equipment section.
RELEASE NOTES: None
SPECIAL PROTECTIVE EQUIPMENT: None

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep container closed when not in use.
HANDLING: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.
STORAGE: Keep container closed to prevent drying out.
STORAGE TEMPERATURE: Keep from freezing.
STORAGE SEGREGATION CLASS: N

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.
SKIN: Nitrile gloves
RESPIRATORY: No special ventilation requirements.
PROTECTIVE CLOTHING: normal work clothes
WORK HYGIENIC PRACTICES: Do not smoke when using this product or any chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
Linear Primary Alcohol Ethoxylate	334

PHYSICAL STATE: Liquid

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ODOR: slight oily scent
ODOR THRESHOLD: None known.
APPEARANCE: Brown liquid
pH: 8
FLASH POINT AND METHOD: NA = Not Applicable
FLAMMABLE LIMITS: 0 to 0
Notes: None
AUTOIGNITION TEMPERATURE: NA = Not Applicable
VAPOR PRESSURE: NA = Not Applicable
VAPOR DENSITY: NA = Not Applicable
BOILING POINT: 210 F
FREEZING POINT: 28 F
THERMAL DECOMPOSITION: NA = Not Applicable
SOLUBILITY IN WATER: 100%
EVAPORATION RATE: NA = Not Applicable
DENSITY: NA = Not Applicable
SPECIFIC GRAVITY: 1.15
(VOC): 26.000

10. STABILITY AND REACTIVITY

REACTIVITY: None Expected.
HAZARDOUS POLYMERIZATION: None
STABILITY: NA = Not Applicable
CONDITIONS TO AVOID: Oxidizing materials.
POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.
HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.
INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION**ACUTE TOXICITY**

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
Linear Primary Alcohol Ethoxylate	1400 to 2700	> 4000

DERMAL LD₅₀: None Expected.

CARCINOGENICITY

IARC: None
NTP: None
OSHA: None

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: None known.
ECOTOXICOLOGICAL INFORMATION: None Expected.
BIOACCUMULATION/ACCUMULATION: None
AQUATIC TOXICITY (ACUTE): None Expected.

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Avoid runoff into storm sewers and ditches which lead to waterways.
FOR LARGE SPILLS: No data available. Contact Env. Dept.
PRODUCT DISPOSAL: Disposal should be in accordance with regulations
EMPTY CONTAINER: recycle container
RCRA/EPA WASTE INFORMATION: None
RCRA HAZARD CLASS: None

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Grinding Coolant - water based
PRIMARY HAZARD CLASS/DIVISION: None
SECONDARY HAZARD CLASS/DIVISION: None
UN/NA NUMBER: N/A
U.S. SURFACE FREIGHT CLASS: 55
PLACARDS: None
LABEL: None
MARINE POLLUTANT #1: Not Available

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None
FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No
313 REPORTABLE INGREDIENTS: None
TITLE III NOTES: NA = Not Applicable

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None
CERCLA RQ: None

EPA

EPA RQ INGREDIENT: None

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Distillates, Petroleum, Hydrotreated Heavy Naphthenic	64742-52-5
Linear Primary Alcohol Ethoxylate	68439-46-3
1, 2-Propanediol	57-55-6
Ethanol, 2, 2', 2"-nitrioltris	102-71-6

16. OTHER INFORMATION

APPROVED BY: Brian Rencher **TITLE:** President
PREPARED BY: Brian Rencher **Date Prepared:** 03/09/2016
INFORMATION CONTACT: 208-375-7200

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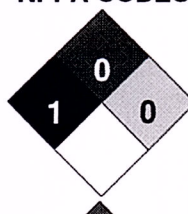
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HMIS RATING

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA CODES



MANUFACTURER DISCLAIMER: This SDS is written with the best of our chemical knowledge and with common sense and in every day terms. If you do not understand a term or phrase please ask a supervisor or Technichem - Boise Idaho 208-375-7200