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EMERGENCY: INFOTRAC 1-800-535-5053 24 HRS/DAY, 7 DAYS/WEEK

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

SECTION I – PRODUCT IDENTIFICATION

Product Name: SpectraKool RG1
Generic ID: Synthetic Roll Grinding Coolant
DOT Hazard Classification: Non-Hazardous

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS #</u>	<u>WT %</u>	<u>Exposure Limits</u>
Triethanolamine 99%	102-71-6	5 – 10%	5 mg/m ³
Boric Acid	10043-35-3	~ 10%	10 mg/m ³
Monoethanolamine	141-43-5	5 - 10%	6 mg/m ³

SECTION III – HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE:

Eye Contact: Direct contact with material can cause mild irritation.

Skin Contact: Prolonged or repeated contact can cause slight skin irritation.

Inhalation: No hazard in normal industrial use. Inhalation of vapor or mist may irritate mucous membranes.

Chronic Hazards: No information.

PRIMARY ROUTES OF ENTRY: Inhalation, if sprayed.

Skin
Eyes

HMIS RATINGS: Health – 2 Flammability – 0 Reactivity – 0

SECTION IV – FIRST AID MEASURES

Eye Contact: Flush eyes immediately with water at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.

Skin Contact: Wash contacted skin areas with soap and water. If irritation develops, consult a physician. Soaked clothing should be removed.

Inhalation: In all cases, remove source of exposure. Inhalation is not likely to occur except as a mist. Remove patient to fresh air and consult a physician. If breathing is Difficult, administer oxygen. If not breathing, give artificial respiration.

Ingestion: If victim is conscious and able to swallow, quickly give 2 glasses of water. Induce vomiting as directed by medical personnel. Contact physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION V – FIRE FIGHTING MEASURES

Flash Point: > 200°F, Pensky-Martens Closed Cup ASTM D93

Hazardous Combustion Products: None known.

Extinguishing Media: Dry chemical, CO₂, fog or foam.

Unusual Fire and Explosion Hazards: None.

Special Firefighting Procedure: None.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released or Spilled: Absorb excess and flush with soap and water. Dispose of according to standard biological procedures.

Waste Disposal Method: Dispose of in accordance with state, local, and federal regulations.

SECTION VII – HANDLING AND STORAGE

Handling: Affix proper warning labels on containers in accordance with 29 CFR 1910.1200. Wash thoroughly after handling.

Storage: Do not freeze or store near excessive heat. Store in a cool, dry place. Keep container closed.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection: Impervious gloves.

Respiratory Protection: None required under normal conditions. If misting occurs, wear a MSHA/NIOSH- approved respirator (or equivalent).

Skin Protection: Appropriate clothing/apron to prevent prolonged contact with skin.

Eye Protection: Use OSHA approved safety glasses with side shields and/or chemical splash goggles.

Other Protective Equipment: Facilities storing or utilizing this material should be equipped with an eyewash and safety shower facility.

Hygienic Practices: Remove and wash contaminated clothing before reuse. Wash hands before eating.

Ventilation: Local exhaust.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: ~263°F

Appearance: Clear/watery

Solubility in water: Complete

Freeze Point: 32° F

Vapor Pressure (mmHg): N/A

Vapor Density: N/A

Evaporation Rate (Water = 1): > 1

pH: ~10.5

Specific Gravity: ~ 1.06

Volatility: Negligible

SECTION X – STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: None.

Hazardous Polymerization: Cannot occur.

Stability: This product is stable at room temperature under normal storage conditions.

SECTION XI – FEDERAL AND STATE REGULATORY INFORMATION

OSHA: This product contains the following hazardous chemical as defined by the OSHA Hazard Communication Standard 29 CFR-1910.1200.

Monoethanolamine	CAS#: 141-43-5	Wt %: < 10%
Boric Acid	CAS #: 10043-35-3	Wt %: ~ 10%

SARA SECTION 313: This product contains no substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

A.C.T., Inc. believes the data set forth herein is accurate as of the date hereof. We make no warranty with respect thereto and expressly disclaim all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.

NAME OF PREPARER: Sharon L. Haiser
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