

Safety Data Sheet

SDS Number: MAJ-015

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Version No: 3



1. IDENTIFICATION

Product Name: TEC-KOOL Premium -50° RV Antifreeze
Chemical Name/Synonyms: N/A
Company Name & Address: Tec-Kool, 1320 1st Street, Rock Island, IL 61201
For More Information Call: (309) 788-5631 (Monday-Friday 8:00-4:30)
In Case of Emergency Call: (800) 424-9300 Chemtrec (24 Hours/7 Days)

2. HAZARD(S) IDENTIFICATION

Hazard Classification: Not Classified

Hazard Class :	Category:	Hazard Statement:

See section 16 for full list of H statements.

Signal Word: None

Hazard Statement(s):

None

Pictogram(s):

None

Precautionary Statement(s):

None

Description of Other Hazards:

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance:

Chemical Name	CAS#	% By Weight	GHS-US
N/A			

The exact concentrations of ingredients are considered proprietary and are being withheld as a Trade Secret in accordance with paragraph (i) of §1910.1200. In addition, there is batch-to-batch variability in ingredient concentrations.

Mixture:

Chemical Name	CAS#	% By Weight	GHS-US
Propylene Glycol	57-55-6	25-30	N/A
Water	7732-18-5	<1	N/A
Dye		<1	N/A

4. FIRST-AID MEASURES

Description of First-Aid Measures:

First-Aid Measures General:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-Aid Measures after Inhalation:

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or a doctor, if you feel unwell.

First-Aid Measures after Skin Contact:

Not expected to present a significant skin hazard under anticipated condition of normal use.

First-Aid after Eye Contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.

First-Aid after ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth. Obtain emergency medical attention.

Most Important symptoms and effects, both acute and delayed:

Symptoms:

Not expected to present a significant hazard under anticipated conditions of normal use

Symptoms after skin contact:

Symptoms after eye contact:

Symptoms after ingestion:

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Agents: Water spray. Alcohol-resistant foam.
Dry chemical powder. Carbon dioxide.

Unsuitable Extinguishing Agents: Not determined.

Protective Equipment/Precautions for Firefighters: Protective fire fighting clothing (includes fire-fighting coat, pants, helmet, boots and gloves).
Wear positive pressure self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment: No information available.

Measures for Environmental Protection: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Measures for Cleaning/Collecting: Collect spillage. Contain released substance, pump into suitable containers. Notify authorities if it enters sewers or public waters. Soak up spills with

7. HANDLING AND STORAGE

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and

when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Conditions for Safe Storage, Including any Incompatibilities:

Keep container closed when not in use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Component	Exposure Limits	Basis	Entity
No additional information.			

TWA: Time weighted average over 8 hours of work.

TLV: Threshold limit value over 8 hours of work.

REL: Recommended exposure limit.

PEL: Permissible exposure limit.

STEL: Short term exposure limit during x minutes.

IDLH: Immediately dangerous to life or health.

WEEL: Workplace environmental exposure levels.

CEIL: Ceiling.

Exposure Controls:

Personal Protective Equipment:

Face shield, protective goggles.

Breathing Equipment:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

Protection of Hands: Not required for normal intended use.

Eye Protection: Wear chemical safety glasses or goggles or face shield.

Additional Recommendations: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties:

Physical State:	Liquid
Color:	Red
Odor:	Odorless
Odor Threshold:	No Data Available
pH 50% Water Solution:	No Data Available
Freezing Point:	No Data Available
Boiling Point:	102°C (216°F)
Flash Point:	None. Percentage of water is above 20%
Evaporation Rate:	Nil
Flammability:	No Data Available
Auto-Ignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available
Vapor Pressure:	<.1 mm Hg @ 20°C
Vapor Density:	2.6
Solubility:	Water: Complete
Specific Gravity:	1.028
Viscosity, Kinematic:	No Data Available
Viscosity, Dynamic:	No Data Available

10. STABILITY AND REACTIVITY

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Reactivity:	Stable
Chemical Stability:	Stable
Conditions to Avoid:	Heat. Open flames. Sparks.
Incompatible Materials:	Keep away from strong acids, strong bases, and oxidizing agents.
Hazardous Decomposition Products:	Carbon dioxide. Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Propylene Glycol (57-55-6)

Skin:	LD50 Dermal - rabbit - 20,800 mg/kg	Skin:
Eyes:	Not Available	Eyes:
Inhalation:	Not Available	Inhalation:
Ingestion:	LD50 Oral - rat - 20,000 mg/kg	Ingestion:

Potential Routes of Exposure/Potential Health Effects:

Skin:	May cause skin irritation	Skin:
Eye:	May cause slight irritation	Eye:
Inhalation:	Not Classified	Inhalation:
Ingestion:	Excessive ingestion may cause central nervous system effects	Ingestion:
Carcinogenic Effects:		Carcinogenic Effects:

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Mutagenic

Effects:

Reproductive

Toxicity:

Sensitization:

Target Organs:

Mutagenic

Effects:

Reproductive

Toxicity:

Sensitization:

Target Organs:

12. ECOLOGICAL INFORMATION

Ecotoxicity: Aquatic Vertebrate: EC50 - Daphnia 1 34,400 mg/l (EC50;48 h)
LC50 Fish 2 51,600 mg/l (LC50; OECD 203:Fish, Acute toxicity test; 96 hr; Oncorhynchus mykiss)

Aquatic Invertebrate: EC50 - Daphnia 1 34,400 mg/l (EC50;48 h)
LC50 Fish 2 51,600 mg/l (LC50; OECD 203:Fish, Acute toxicity test; 96 hr; Oncorhynchus mykiss)

Terrestrial: Not Available

Mobility: Surface tension .04 Mn (25° C)

Biodegradation: Readily biodegradeable in water
Biodegradeable in soil

Bioaccumulation: Log Pow. -1.41 - -0.30

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

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Waste: Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations.

Ecology-waste materials:

14. TRANSPORT INFORMATION

Department of Transportation (DOT): Not regulated

Transport Document Description:

UN-No.:

Proper Shipping Name:

Hazard Class:

Hazard Labels:



Packing Group:

Packaging Non-bulk:

Packaging Bulk:

Symbols:

Packaging Exceptions:

Quantity Limits:

Vessel Stowage:

TDG: Not regulated

Maritime Transport IMDG: Not regulated

Air Transport ICAO-TI and IATA-DGR: Not regulated

Land Transport ADR/RID: Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA Inventory Status: Ingredients listed on TSCA inventory

DSCL(EEC):

SARA 302:

SARA 304:

SARA 311:

SARA 312:

SARA 313:

International Regulations:

Canada WHMIS: This SDS has been prepared according to the criteria of the Hazardous Products Regulations (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR.

EU: No Information available

U.S. State Regulations:

California This product does not contain any substance(s) known to the state of

Prop 65: California to cause cancer, developmental toxicity and/or reproductive toxicity.

Substance:

Carcinogens List:

Developmental Toxicity:

Male Reproductive Toxicity:

Female Reproductive Toxicity:

Non-Significant Risk Level (NSRL):

Others:

Massachusetts Right to know list: N/A

New Jersey Right to know hazardous substance list: N/A

Pennsylvania Right to know list - environmental hazard list: Listed

16. OTHER INFORMATION

NFPA

Health Hazard: 0-Poses no health hazard, no precautions necessary and would offer no hazard beyond that of ordinary combustible materials.

Fire Hazard: 1-Must be preheated before ignition can occur.

Reactivity: 0-Normally stable, even under fire exposure conditions, and are not reactive with water.

NS Symbol: N/A



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