

Safety Data Sheet

SDS Number: CPDR-016

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Version No: 3



1. IDENTIFICATION

Product Name: TEC-KOOL Premium -100° RV Antifreeze
Chemical Name/Synonyms: N/A
Company Name & Address: Tec-Kool, 400 S 14th Ave, Eldridge, IA 52748
For More Information Call: 800-522-1150 (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	<=50	N/A
Water	7732-18-5	<=50	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:	9
Freezing Point:	Does not freeze
Boiling Point:	187.8°C (370°F)
Flash Point:	103.3°C (218°F)
Evaporation Rate:	Slight
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:	No Data Available
Specific Gravity:	1.07
Viscosity, Kinematic:	No Data Available
Viscosity, Dynamic:	No Data Available

10. STABILITY AND REACTIVITY

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:

	<u>Propylene Glycol (57-55-6)</u>		<u>Glycerol (56-81-5)</u>
Skin:	LD50 Dermal - rabbit - 20,800 mg/kg	Skin:	LD50 Dermal - rabbit - 10 g/kg
Eyes:	Not Available	Eyes:	
Inhalation:	Do not inhale	Inhalation:	LC50 - rat - 570 mg/m 1 h
Ingestion:	LD50 Oral - rat - 20,000 mg/kg	Ingestion:	LD50 Oral - rat - 12,600 mg/kg

Potential Routes of Exposure/Potential Health Effects:

Skin:	May cause skin irritation	Skin:	May cause skin irritation
Eye:	May cause slight irritation	Eye:	May cause slight irritation
Inhalation:	Not Classified	Inhalation:	Not Classified
Ingestion:	Excessive ingestion may cause central nervous system effects	Ingestion:	Excessive ingestion may cause central nervous system effects
Carcinogenic Effects:		Carcinogenic Effects:	
Mutagenic Effects:		Mutagenic Effects:	
Reproductive Toxicity:		Reproductive Toxicity:	
Sensitization:		Sensitization:	
Target Organs:		Target Organs:	

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Aquatic Vertebrate:	EC50 - Pseudokirchneriella subcapitata 19,000 mg/L, 96 hr LC50 - Fish 51,600 mg/L: 96 h Oncorhynchus mykiss, static 41 - 47: 96 h Oncorhynchus mykiss mL/l LC50 - 51-57: 96 h Oncorhynchus mykiss mL/L LC50 static (Glycerol) LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/
	Aquatic Invertebrate:	EC50 - 10000: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 Static
	Terrestrial:	Not Available
	Mobility:	Not Available
	Biodegradation:	Not Available
	Bioaccumulation:	Not Available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

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

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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:

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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:	Listed
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



Disclaimer: We believe that the information herein is factual but is not intended to be all inclusive. Because safety handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state and local law.

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