

ORISON

The Green Edge

Material Safety Data Sheet EVAPO-RUST COOLING SYSTEM CLEANER

Product Hazard: Health: 0 Fire: 0 Toxicity: 0 Reactivity: 0 Special: 0
Hazard Rating: 4 = Deadly 3 = Extreme 2 = Hazardous 1 = Slight Hazard 0 = Normal

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING 12/01/10

Product Name: EVAPO-RUST COOLING SYSTEM CLEANER
Manufacturer/Supplier: Orison Marketing, L.L.C. (Cage Code: 1GZV7)
4801 South Danville Drive
Abilene, TX 79602
Emergency Telephone Number: (325) 692-1135 or 800-460-2403 (in the U.S.)

2. INGREDIENTS

Contains no hazardous components under current OSHA definitions.

Chemical Name	CAS#	OSHA PEL	TLV	WT%
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*These chemicals are subject to reporting requirements off section 313 of the Emergency Planning and Right-To-Know Act of 1986 and of 40 CFR 372.

3. HAZARDS IDENTIFICATION

	Carcinogen: NA	NTP: NA	IARC Monograph: NA	OSHA: NA
Primary Routes of Entry:	Eye – Yes		Ingestion – Yes	Inhalation – NA Skin - Yes
Effects of overexposure:	Eye – Slight irritation		Ingestion – nausea	Inhalation – NA Skin - none
Most Important Hazards:	None			
Specific Hazards:	May be an eye irritant. Do not spray into eyes. If irritation does occur, rinse with clear water.			

4. FIRST AID MEASURES

General Advice:	Product exhibits no adverse effects.
Inhalation:	Non-reactive – No First Aid needed.
Skin Contact:	Non-reactive – No First Aid needed.
Eye Contact:	Rinse thoroughly with plenty of water.
Ingestion:	Give victim two glasses of water and INDUCE VOMITING by using ipecac syrup or placing two fingers at the back of the throat. Get immediate attention. Do not give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Dry chemical, CO2
Special Fire Fighting Procedures:	Wear SCBA & all protective equipment
Specific Hazards:	None
Flash Point	None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	None needed. Caution floor may be slippery.
Environmental Precautions:	None needed; non-toxic, non-hazardous in neat form.
Methods for Cleaning Up:	Filter and reuse or dispose directly by flushing area with water into sewer.

7. HANDLING AND STORAGE

Technical Measures/Precautions:	Normal ventilation is adequate.
Safe Handling Advice:	Avoid contact with eyes.

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Technical Measures/Storage Conditions:

Low temperature can cause handling problems. Viscosity of material will increase.

Incompatible Products:

No special restrictions on storage with other products.

Packaging Material:

No restrictions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:

General room ventilation is satisfactory.

Control Parameters:

None needed.

Personal Protection Equipment

Respiratory:

None needed.

Eye:

Safety glasses may be used.

Hand:

None needed.

Hygiene Measures:

Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Semi-viscous liquid

Color: Light amber to yellow

Odor: Slight/Pleasant odor

pH: 5.8 – 6.3

Boiling Point/Range: >200°F

Melting Point/Range: Not Applicable

Freezing Point: 32°F/0°C

Viscosity @ 25°C:

Flash Point: None

Explosive Properties: None

% Volatile by weight: <85%

Water Solubility: Complete as directed

Vapor Pressure: NA mm Hg

Vapor Density: NA air =1

Surface Tension: NA

Specific Gravity: 1.22

Evaporation Rate: >1 ether=1

Volatile Organic Compounds: None measurable

10. STABILITY AND REACTIVITY

Stability:

Normally Stable

Conditions to Avoid:

High temperatures

Materials to Avoid:

Avoid contact with strong oxidizing agents or other reactive materials.

Hazardous Decomposition Products:

Oxides of carbon

Hazardous Polymerization:

Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Non-toxic.

Local Effects:

None.

Specific Effects:

None.

12. ECOLOGICAL INFORMATION

Non-toxic, non-hazardous, safe for the environment.

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products: Product container is recyclable.

Contaminated Packaging: If recycling is not practicable, dispose of in compliance with the Environmental Protection (Duty of Care) Regulations 1991 if contaminated with hazardous materials.

14. TRANSPORTATION INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Product complies with all known regulatory considerations and is unregulated and not listed as a Hazmat by any agency.

16. OTHER INFORMATION

For further information, contact the Headquarters of Orison Marketing, L.L.C.

Recommended Use:

Rust Removal from automotive engines and cooling systems

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text.