

SAFETY DATA SHEET



Date of Issue: 6/15/2016

1. IDENTIFICATION OF THE SUBSTANCE/MATERIAL AND THE SUPPLIER

Product Name: CRYSTAL WINDSHEILD WASH -25

Recommended use: Windshield Wash

Supplier Information:

ENCORE RAIL SYSTEMS, INC.
2300 WEST MIDWAY BLVD.
BROOMFIELD, CO 80020
303-936-3641

Emergency Telephone Number:

CHEMTREC: 1-800-424-9300

2. HAZARD IDENTIFICATION

OSHA/HCS STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification:

Flammable Liquid:	Category 3
Acute Toxicity, Oral:	Category 5
Acute Toxicity, Inhalation:	Category 5
Acute Toxicity, Dermal:	Category 5
Specific target Organ Toxicity:	Category 5

Label Elements:

Signal Word: DANGER

Symbols:



Methanol

Hazard Statements:

Flammable liquid and vapor
May be harmful if swallowed
May be harmful if inhaled
May cause skin irritation
Causes damage to organs-liver, kidneys, central nervous system and optic nerve

Precautionary Statements:

Prevention:

Do not breathe mist
Wear protective gloves, clothing, eye protection, and face protection
Take off contaminated clothing and wash before use
Store away from heat and ignition sources
Keep away from oxidizing materials and strong acids

Response:

- IF EXPOSED: Get medical advice/attention

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

- IF ON SKIN: Wash with plenty of soap and water.

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage: Store in a well-ventilated place

Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulations

Hazards Not Otherwise Classified: Product is stable

Other Information:

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Weight - %
Methanol	67-56-1	30-32

4. FIRST AID MEASURES

- **EYE CONTACT:** Wash with water for 15 minutes. See physician if irritation persists.
- **SKIN CONTACT:** Wash with soap and water. See physician if irritation persists.
- **INHALATION:** Remove to fresh air.
- **INGESTION:** Rinse mouth. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

NOTE to PHYSICIANS: Treat Symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Small Fire: Use DRY chemical powder, CO2, or appropriate foam

Large Fire: Use water spray, fog or foam. Do not use water jet

Specific Hazards Arising from the Chemicals: Vapors may travel back to ignition source. Closed containers exposed to heat may explode.

Hazardous Combustion Products: If Burned, normal combustion products: Carbon Monoxide, carbon Dioxide and other gases and vapors.

Protective Equipment and Precautions for Firefighters: Firefighters should wear proper protective equipment.

6. ACCIDENT RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental Precautions: Do not rinse spill onto ground, into storms sewers or bodies of water.

Methods for Clean-up: Use personal protective equipment as required. Dam up. Cover spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Advice for Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Keep away from children.

Storage Conditions: Keep containers in cool well ventilated area. Keep containers tightly closed. Keep in an area suitable for flammable liquids.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines: None established.

Engineering Controls: Provide good ventilation and that running water is available for washing eyes and skin.

Personal Protective Equipment:

Eye/Face Protection: Wear splash proof chemical goggles or face shield.

Skin/Body Protection: Wear rubber or other chemical-resistant gloves.

Respiratory Protection: If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

Hygiene Considerations: Wash hands and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Liquid
Color:	Blue
Odor:	Alcohol
pH:	8
Melting/Freezing Point:	-20 °C
Boiling Point/Boiling Range:	179 °F - 181 °F
Flash Point:	33 °C
Evaporation Rate:	Greater than m-butyl acetate
Flammability (solid, gas):	Yes
Upper Flammability Limit:	UEL 36%
Lower Flammability Limit:	LEL 6%

Vapor Pressure:	128 hPa @ 20° C
Vapor Density:	(Air=1) 1.11
Specific Gravity:	0.949
Solubility:	Soluble
Partition Coefficient:	Not established
Autoignition Temperature:	N/A
Decomposition Temperature:	Not established
Viscosity:	Not established

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Temperatures above flash point. Avoid excessive heat, open flame or other sources of ignition.
Incompatible Materials:	Strong acids. Strong oxidizing agents. Strong reducing agents. Magnesium. Water-reactive materials.
Hazardous Decomposition:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Eye Contact:	Irritating to eyes.
Skin Contact:	Can produce mild dermatitis in humans.
Ingestion:	May irritate gastrointestinal tract, cause nausea, and vomiting.
Inhalation:	Blurred vision.
Immediate, Delayed, Chronic Effects:	None Known
Product Information:	There is no data available for this product.
<u>Toxicity Data:</u>	
Carcinogenicity:	No known carcinogens.
Mutagenicity:	No information available.
Teratogenicity:	No information available.
Developmental Effects:	No information available.
Fertility Effects:	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Product is expected to be slightly toxic to aquatic life.
Persistence and Degradability:	Product is expected to be readily biodegradable when released, into water and soil. Product is expected to be readily degraded when released into air.
Bioaccumulation:	Bioaccumulation Cyprinus Carpio (CARP) -72 d @ 20° C
Other Adverse Effects:	When released into water, this product is expected to have a half-life between 1 and 10 days. When released into the air, this material is expected to exist in the aerosol phase with a short half-life between 10-30 days. When released into the air, this material is expected to be readily removed from the atmosphere by wet deposition.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes:	Dispose of in accordance with federal, state and local regulations
Contaminated Packaging:	Dispose of in accordance with federal, state and local regulations

14. TRANSPORT INFORMATION

DOT:	U.S Department of Transportation
Proper Shipping Name:	Limited quantity, consumer commodity, ORM-D. Per 49 CFR Part 173.10 (PGIII, inner packaging no more than 5.0L) UN1987, ALCOHOLS NOS (METHANOL SOLUTION), 3, PGIII, ERG127

15. REGULATORY INFORMATION

<u>TSCA Status:</u>	All chemical substances in this product are included on or exempted from listing on the TSCA inventory of chemical substances.
<u>SARA 313:</u>	Methanol Cas Number: 67-56-1 (>30%)
<u>SARA 302:</u>	None
<u>SARA 311/312 Hazard Categories:</u>	
Acute Hazard:	Yes
Chronic Health Hazard:	Yes

Fire Hazard: Yes
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

California Proposition 65: Methanol is on the California Proposition 65 list as a reproductive toxicant.

16. OTHER INFORMATION

Notice to Reader:

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