

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name ECO-ALL PURPOSE SPOTTER
CAS# Mixture
Product Use Water/solvent micro-emulsion cleaner
Manufacturer CFR Division of Tacony Corporation
3101 Wichita Court
Fort Worth, TX 76140-1710
Emergency Telephone Number 1-800-270-5201
Company Contact 1-800-880-2913 or website www.cfrcorp.com

HMIS LEGEND

Severe	4	Health	2
Serious	3	Flammability	2
Moderate	2	Reactivity	0
Slight	1	Personal Protection	B
Minimal	0		

2. Hazards Identification

Emergency Overview **WARNING, EYE AND SKIN IRRITANT**
May cause sensitization by skin contact

Potential short term effects

Routes of exposure

Eyes Eye, Skin contact, Inhalation, Ingestion.
May cause irritation.

Skin Contact with skin can cause irritation and allergic reaction in some individuals.
May be absorbed through skin.

Inhalation May cause respiratory tract irritation.

Ingestion Harmful if swallowed. May cause stomach distress, nausea or vomiting.

Target organs Eyes, Skin

Chronic effects Prolonged exposure can cause drying, defatting, or dermatitis.

Signs and symptoms Symptoms may include redness, edema, drying, defatting and cracking of skin.
Symptoms of over exposure may be headache, dizziness, tiredness, nausea and vomiting

3. Hazardous Ingredients and Exposure Control

The criteria for listing components in this section are: Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. Non hazardous components are not listed. This is not a composition disclosure.

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV	%(optional)
2-Propanol, 1-butoxy-	5131-66-8	NA	NA	< 5
Dipropylene glycol methyl ether	34590-94-8	NA	NA	< 5

4. First Aid Measures

First Aid Procedures

Eye Contact Flush with cool running water for 15 minutes. If irritation persists, get medical attention.

Skin Contact Flush with cool water, Wash with soap and water, If irritation persists, get medical Attention.

Inhalation If symptoms develop, move to fresh air. If symptoms persist, get medical attention

Ingestion **Do not induce vomiting.** Obtain medical attention. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

Flammable properties	Combustible by HMIS criteria
Extinguishing media	Foam. Carbon dioxide, dry chemical. Page 1 of 4
Protection of firefighters	Fire-fighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and not limited to oxides of carbon, oxides of sulfur.
Unusual Fire, Explosion hazards	None known.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personal away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled containers unless wearing protective Clothing. Stay upwind of spills or leaks.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers.
Methods for cleaning up	Remove sources of ignition Spills may be absorbed with non reactive absorbent and placed in suitable , covered, labeled containers. Prevent large spills from entering sewers or water ways.

7. Handling and Storage

Handling	Use good industrial hygiene practices when handling this material
Storage	Keep locked in storage sufficient to make inaccessible to children or persons unfamiliar with its proper use. Keep from freezing, store in a cool dry place away from heat, sparks or other ignition sources.

8. Exposure Controls and Personal Protection

Engineering controls	General ventilation normally adequate
Personal protective equipment	
Eye/Face protection	Wear safety glasses with side shields.
Hand protection	Rubber or nitrile gloves.
Skin and body	As required by employer code.
Respiratory protection	Use a NIOSH approved respirator when exposure guidelines are exceeded.
General hygiene considerations	Handle in accordance with good industrial hygiene practices. Do not eat or drink when using product. Wash hands well before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance/form	Clear liquid
Color	Light yellow/amber
Odor	Slight solvent
pH	4.6-5.0 (100%)
Boiling point	206° F. (96.7°C.)
Flash point	> 145° F. PMCC (63°C.)
Specific gravity	0.95-1.05
Evaporation rate	NA (Not Available)
Vapor pressure	19.1 mmHg at 20° C.
Vapor density	NA (Not Available)
Solubility in water	Disperses
VOC	< 8%
% Volatile	Approx. 95%

10. Stability and Reactivity

Chemical Stability	Stable under normal storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong oxidizers
Hazardous decomposition products	May include but not limited to oxides of carbon and oxides of sulfur
Hazardous polymerization	Will not occur

11. Toxicological Information

Ingredients	LC50
2-Propanol, 1-butoxy-	Not Available
Dipropylene glycol methyl ether	Not Available
Ingredients	LD50
2-Propanol, 1-butoxy-	3300 mg/kg rat
Dipropylene glycol methyl ether	5400 mg/kg rat
Effects of acute exposure	
Eye	May cause irritation
Skin	Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals. May be absorbed through skin.
Inhalation	May cause respiratory tract irritation.
Ingestion	Harmful if swallowed. May cause stomach distress, nausea, or vomiting.
Sensitization	Contains a potential skin sensitizer.
Chronic effects	May cause allergic reaction in sensitive individuals.
Carcinogenicity	Does not contain ingredients considered carcinogenic by NTP, IARC, or OSHA.
Mutagenicity	Non hazardous
Reproductive effects	Non hazardous

12. Ecological Information

Eco-toxicity	Components of this product have been identified as having potential environmental concerns.	
Eco-toxicity-Fresh Water Fish Species Data		
Dipropylene glycol methyl ether	34590-94-8	96 Hr LC50 Pimephales prolemas: > 1000 mg/L (static)
Eco-toxicity-Water Flea Data		
Dipropylene glycol methyl ether	34590-94-8	48 HR LC50 Daphnia magna: 1919 mg/L
Environmental effects	Not Available	
Aquatic toxicity	Not Available	
Persistence and Degradability	Not Available	
Bioaccumulation/accumulation	Not Available	
Partition coefficient	Not Available	
Mobility in environmental media	Not Available	
Chemical fate information	Not Available	
Other adverse effects	Not Available	

13. Disposal Considerations

Waste codes	Not Available
Disposal instructions	Dispose in accordance with local, state, and federal regulations
Wastes from residues/unused Product	Containerize. Rinse area with water. Keep out of storm sewer/waterways.
Contaminated packaging	Dispose in accordance with all applicable regulations.

14. Transport Information

Basic shipping requirements:

Proper shipping name	Combustible liquid
Hazard class	
UN number	
Packing group	
Special provisions	
Packaging exceptions	Not regulated for land shipments.

15. Regulatory Information

U.S federal regulations This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the MSDS contains all of the information required by OSHA.

HMIS classification

Irritant

Inventory Status

Countries	Inventory Name	On Inventory (Yes/No)*
U.S.	Chemical Inventory List	Yes
Canada	Domestic substances list	Yes

- A δYesö indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.

16. Other Information

Disclaimer

To the best of our knowledge, the information included herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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April 14, 2010

Supersedes date

First issue

Reason for update

Expiration date

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