

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product Name** ALL PURPOSE SPOTTER  
**CAS#** Mixture  
**Product Use** Solvent based spotter/cleaner for carpet/fabrics  
**Manufacturer** CFR, A 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](http://www.cfrcorp.com)

### HMIS LEGEND

Severe 4  
Serious 3  
Moderate 2  
Slight 1  
Minimal 0

Health	2
Flammability	2
Reactivity	0
Personal Protection	B

## 2. Hazards Identification

**Emergency Overview** **Warning: Eye and skin irritant. Combustible liquid.**  
**Potential short term effects**  
**Routes of exposure** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.  
**Eyes** May cause irritation.  
**Skin** Contact with skin may cause irritation and allergic reaction (sensitization) in some individuals. May be absorbed through skin.  
**Inhalation** May cause respiratory tract irritation, and headache/dizziness.  
**Ingestion** 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 irritation, redness, drying and defatting of the skin. Symptoms of over exposure may be headache, dizziness, tiredness, nausea and vomiting.

## 3. Hazardous Ingredients

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#	%( optional)
d-Limonene	5989-27-5	< 5%
Dipropylene glycol methyl ether	34590-94-8	< 3%
Propylene glycol n butyl ether	5131-66-8	< 3%

## 4. First Aid Measures

**First Aid Procedures**  
**Eye Contact** Flush with cool running water for 15 minutes. Get medical attention if irritation occurs.  
**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** Rinse mouth with water. **Do not induce vomiting.** Obtain medical attention. Never give anything by mouth to an unconscious person.  
**Notes to Physician** Symptoms may be delayed.  
**General advice** Seek medical attention if feeling unwell. Show the MSDS to the physician in attendance. Avoid contact with eyes and skin. Keep away from sources of ignition. Do not smoke in proximity to product. Keep product out of reach of children.

## 5. Fire-fighting Measures

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<b>Flammable properties</b>	Combustible by OSHA standards.
<b>Extinguishing media</b>	Foam, carbon dioxide, dry chemical.
<b>Protection of firefighters</b>	Firefighters should wear protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and not limited to oxides of carbon, oxides of sulphur.
<b>Unusual Fire, Explosion hazards</b>	None known.

## 6. Accidental Release Measures

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<b>Personal precautions</b>	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.
<b>Methods for containment</b>	Stop leak if you can do so without risk. Prevent entry into waterways, sewers.
<b>Methods for cleaning up</b>	Before attempting clean up refer to hazard data given above. Small spills may be absorbed with non reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or water ways. Contact emergency personnel or supplier for advice. Never return spill to original container for reuse

## 7. Handling and Storage

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<b>Handling</b>	Use good industrial hygiene practices when handling this material
<b>Storage</b>	Keep out of reach of children. Keep from freezing. Store in a cool dry place at temperatures below 120° F. (49° C.). Store away from incompatible materials.

## 8. Exposure Controls and Personal Protection

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<b>Exposure limits</b>		
<b>Ingredients</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
d-Limonene	not established	not established
Dipropylene glycol methyl ether	not established	TWA: 100 ppm. STEL 150ppm.
Propylene glycol butyl ether	not established	Skin 100ppm not established
<b>Engineering controls</b>	Use only under good ventilation conditions or with respiratory protection.	
<b>Personal protective equipment</b>		
<b>Eye/Face protection</b>	Wear safety glasses with side shields.	
<b>Hand protection</b>	Rubber or nitrile gloves.	
<b>Skin and body</b>	As required by employer code.	
<b>Respiratory protection</b>	Use a NIOSH approved respirator when exposure guidelines are exceeded.	
<b>General hygiene considerations</b>	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

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<b>Appearance/form</b>	Clear liquid
<b>Color</b>	Colorless
<b>Odor</b>	Solvent
<b>pH</b>	3.5-3.6 (100%)
<b>Boiling point</b>	> 212° F.
<b>Specific gravity</b>	0.990-1.002
<b>Evaporation rate</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Solubility in water</b>	soluble/miscible
<b>Flash point</b>	131° F. ( 55° C.) Pensky óMartens closed cup.
<b>VOC</b>	< 5%
<b>% Volatile</b>	Approx. 94%

## 10. Stability and Reactivity

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<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Oxidizers.
<b>Hazardous decomposition products</b>	May include but not limited to oxides of carbon, oxides of sulphur.
<b>Hazardous polymerization</b>	Will not occur

## 11. Toxicological Information

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<b>Ingredients</b>	<b>LC50</b>
d-Limonene	not available
Dipropylene glycol methyl ether	not available
Propylene glycol n butyl ether	not available
<b>Ingredients</b>	<b>LD50</b>
d-Limonene	5600 mg/kg mouse, 4400 mg/kg rat
Dipropylene glycol methyl ether	5400 mg/kg rat
Propylene glycol n butyl ether	3300 mg/kg rat
<b>Effects of acute exposure</b>	
<b>Eye</b>	May cause irritation
<b>Skin</b>	May cause irritation and allergic reaction (sensitization in some individuals. May be absorbed through skin.
Dipropylene glycol methyl ether	ACGIH TLV skin notations. Potential for dermal absorption.
<b>Inhalation</b>	May cause respiratory tract irritation.
<b>Ingestion</b>	harmful if swallowed. May cause stomach distress, nausea, or vomiting.
<b>Sensitization</b>	Contains a potential skin sensitizer.
<b>Chronic effects</b>	May cause allergic reaction in some individuals.
<b>Carcinogenicity</b>	Does not contain ingredients considered carcinogenic by NTP, IARC, OSHA.
<b>Mutagenicity</b>	Non hazardous.
<b>Reproductive effects</b>	Non hazardous.
<b>Teratogenicity</b>	Non hazardous.

## 12. Ecological Information

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<b>Eco-toxicity</b>	Components of this product have been identified as having potential environmental concerns.
<b>Eco-toxicity-Freshwater Fish Species data:</b>	
Dipropylene glycol methyl ether	96 Hr LC 50 Pimephales promelas: 10000 mg/L
d-Limonen	96 Hr LC 50 Pimephales promelas: 0.62-0.80 mg/L
<b>Eco-toxicity-Water flea data:</b>	
Dipropylene glycol methyl ether	48 Hr LC50 Daphnia magna: 1919 mg/L
<b>Environmental effects</b>	Not Available
<b>Aquatic toxicity</b>	Not Available
<b>Persistence and Degradability</b>	Not Available
<b>Bioaccumulation/accumulation</b>	Not Available
<b>Partition coefficient</b>	Not Available
<b>Mobility in environmental media</b>	Not Available
<b>Chemical fate information</b>	Not Available
<b>Other adverse effects</b>	Not Available

## 13. Disposal Considerations

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

## 14. Transport Information

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### Basic shipping requirements:

<b>Proper shipping name</b>	Flammable liquid, n.o.s. (d-Limonene)
<b>Hazard class</b>	3
<b>UN number</b>	1993
<b>Packing group</b>	III
<b>Special provisions</b>	Reclassified as combustible for land shipments.
<b>Packaging exceptions</b>	

## 15. Regulatory Information

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**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** Combustible liquid, irritant

### Inventory Status

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

- A 0Yes0 indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.

## 16. Other Information

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### 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.

<b>Issue date</b>	November 10, 2010
<b>Supersedes date</b>	May 12, 2006
<b>Reason for update</b>	Conform to OSHA requirements
<b>Expiration date</b>	November 10, 2013