



## SAFETY DATA SHEET

### 1. Product and Company Identification

<b>Product Name</b>	<b>BW STAIN-AWAY</b>
<b>Product Number</b>	<b>3BI</b>
<b>Product Type</b>	Mixture
<b>Product Use</b>	Acidic Spot Remover for carpets & upholstery
<b>Manufacturer</b>	CFR, A Division of Tacony Corporation 3101 Wichita Court Fort Worth, TX 76140-1710
<b>Company Contact</b>	1-800-533-2557 or website <a href="http://www.cfrcorp.com">www.cfrcorp.com</a>
<b>Emergency Telephone Number</b>	1-800-270-5201

### 2. Hazards Identification

#### GHS Classification in accordance with 29CFR 1910 OSHA HCS

Corrosive to metals, (Category 1) H290  
Skin corrosion/irritation, (Category 1) H314  
Acute Aquatic toxicity (Category 3) H402  
Chronic aquatic toxicity (Category 3) H412

#### GHS Label elements, including precautionary statements

#### Pictogram



#### Signal Word

Danger

#### Hazard Statements

H290 May be corrosive to metals  
H314 Causes severe skin burns and eye damage.  
H402 Harmful to aquatic life  
H412 Harmful to aquatic life with long lasting effects.

#### Precautionary Statements

##### Prevention

P234 Keep only in original packaging.  
P260 Do not breathe mists or vapors.  
P264 Wash and rinse hands and exposed skin after handling concentrated product.  
P280 Wear protective gloves, protective clothing, eye protection/face protection.  
P273 Avoid release to the environment.

##### Response

P390 Absorb spillage to prevent material damage.  
P301+P330+P331 IF SWALLOWED, rinse mouth, do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off all contaminated clothing. Rinse skin with water or shower.  
P263 Wash contaminated clothing before reuse.  
P304+P340 IF INHALED, remove person to fresh air and keep comfortable for breathing.  
P310 Immediately call a POISON CENTER/doctor  
P332+P313 If skin irritation occurs, get medical attention.  
P305+P351+P338 IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists, get medical attention.

**Storage/Disposal**

P405

P501

Store locked up.

Dispose of contents/container in accordance with local, regional and federal regulations

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### 3. Composition/Information on Ingredients

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The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
Alcohols, C6-C10, ethoxylated propoxylated	168987-81-5	H319, H402	1-8%
Citric acid, anhydrous	77-92-9	H319	1-6%
1-Hydroxyethylidene-1, 1-diphosphonic acid	2809-21-4	H290, H318	1-5%
Gluconic acid	526-95-4	H314, H318	1-5%

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### 4. First Aid Measures

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**Description of First Aid Procedures****In case of Eye Contact**

Flush with cool running water for 15 minutes. Remove contact lenses if easy to do. Seek immediate medical attention.

**In case of Skin Contact**

Flush with cool water, Wash with soap and water, If irritation occurs, get medical attention.

**If Inhaled**

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

**If Ingested**Rinse mouth with water. Drink one or two glasses of water. **Do not induce vomiting.** Obtain immediate 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 SDS to the physician in attendance.

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### 5. Fire-fighting Measures

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**Flammable properties**

Not flammable

**Extinguishing media**

Treat for surrounding material.

**Protection of firefighters**

Firefighters should wear protective clothing including self contained breathing apparatus

**Hazardous combustion products**

May include and not limited to oxides of carbon, nitrogen.

**Unusual Fire, Explosion hazards**

None known.

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### 6. Accidental Release Measures

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**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**

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. Dike spill.



Absorb spill with non reactive absorbent and place in a suitable, covered, labeled container for disposal. Never return spill to original container for reuse.  
Avoid release to the environment.

**Environmental Precautions**

**7. Handling and Storage**

**Precautions for Safe Handling  
Conditions for Safe Storage**

Use good industrial hygiene practices when handling this material  
Keep out of reach of children. Keep from freezing, store in a cool dry place away from incompatible materials.

**8. Exposure Controls and Personal Protection**

**Exposure limits**

Ingredients	CAS-No	OSHA PEL	ACGIH TLV
Alcohols, C6-C10, ethoxylated propoxylated	168987-81-5	Not available	Not available
Citric acid, anhydrous	77-92-9	Not available	TWA: 10mg/m <sup>3</sup>
1-Hydroxyethylidene-1, 1-diphosphonic acid	2809-21-4	Not available	Not available
Gluconic acid	526-95-4	Not available	Not available

**Engineering controls**

General ventilation normally adequate

**Personal protective equipment**

**Eye/Face protection**

Wear safety glasses with side shields if splash conditions exist.

**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**

**Information on basic physical and chemical properties**

<b>Appearance/form</b>	Clear liquid
<b>Color</b>	Light straw to colorless
<b>Odor</b>	Fresh air
<b>Odor threshold</b>	Not established
<b>pH</b>	3.0-3.4 (Concentrate)
<b>Melting point/freezing point</b>	Not established
<b>Initial Boiling point</b>	> 212° F. ( 100° C.)
<b>Flash point</b>	> 200° F. ( 93° C.) Estimated
<b>Evaporation rate</b>	Not established
<b>Flammability</b>	Not flammable
<b>Upper/lower flammability or Explosive limits</b>	Not established
<b>Vapor pressure</b>	Not established
<b>Vapor density</b>	Not established
<b>Specific gravity/density</b>	1.08-1.11
<b>Solubility in water</b>	Complete
<b>Partition coefficient:</b>	Not established
<b>Auto ignition temperature</b>	Not established
<b>Decomposition temperature</b>	Not established
<b>Stability and Reactivity</b>	Stable and non reactive under normal use and storage conditions.
<b>VOC</b>	< 1%
<b>% Volatile</b>	Approx. 75%

**Other safety Information**

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## 10. Stability and Reactivity

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<b>Reactivity</b>	Not reactive under normal use and storage.
<b>Chemical Stability</b>	Stable under normal storage conditions.
<b>Hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Caustics, reducing agents, metals, and oxidizers.
<b>Hazardous decomposition products</b>	May include but not limited to oxides of carbon, nitrogen, and oxides of phosphorous.
<b>Hazardous polymerization</b>	Will not occur.

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## 11. Toxicological Information

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<b>Ingredients</b>	<b>LC50</b>
Alcohols,C6-C10, ethoxylated propoxylated	> 50 mg/l rat 4 hours
Citric acid, anhydrous	No data available
1-Hydroxyethylidene-1, 1-diphosphonic acid	No data available
Gluconic acid	No data available

<b>Ingredients</b>	<b>LD50</b>
Alcohols,C6-C10, ethoxylated propoxylated	2745 mg/kg (Oral-rat), > 2,000 mg/kg (Dermal-rabbit)
Citric acid, anhydrous	5,400 mg/kg (Oral-rat), >2,000 mg/kg (Dermal-rabbit)
1-Hydroxyethylidene-1, 1-diphosphonic acid	No data available
Gluconic acid	No data available

<b>Effects of acute exposure</b>	
<b>Eye</b>	Causes severe skin burns
<b>Skin</b>	Causes eye damage.
<b>Inhalation</b>	May be irritating to the respiratory tract.
<b>Ingestion</b>	May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.
<b>Sensitization</b>	No data available.
<b>Chronic effects of short and long term exposure</b>	No data available.
<b>Carcinogenicity</b>	Does not contain ingredients considered carcinogenic by NTP, IARC, or OSHA.
<b>Mutagenicity</b>	No data available.
<b>Reproductive effects</b>	No data available.
<b>Teratogenicity</b>	No data available.

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## 12. Ecological Information

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<b>Eco-toxicity</b>	Components of this product have been identified as toxic with long lasting effects to the aquatic environmental. The low pH of the product would be expected to produce significant eco-toxicity upon exposure to aquatic organisms.	
<b>Environmental effects</b>	No data available.	
<b>Aquatic toxicity</b>		
Alcohols,C6-C10, ethoxylated, propoxylated	LC50 Fish (primephales promelas): 1-10mg/l 96 hours	EC50 Algae: 1-10 mg/l 48 hours
	EC50 Aquatic plants: 1-10 mg/l 120 hours	
Citric acid	LC50 Fish (Leuciscus idus melanotus): 440 mg/l 48 hours	LC50 Water Flea (Daphnia Magnus): 1,535 mg/l 24 hours



<b>Persistence and Degradability</b>	No data available
<b>Bioaccumulation/accumulation</b>	No data available.
<b>Partition coefficient</b>	No data available.
<b>Mobility in environmental media</b>	No data available.
<b>Chemical fate information</b>	No data available.
<b>Other adverse effects</b>	No data available.

### 13. Disposal Considerations

<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

<b>Basic shipping requirements:</b>	Not DOT regulated
<b>Proper shipping name</b>	
<b>Hazard class</b>	
<b>UN number</b>	
<b>Packing group</b>	
<b>Special provisions</b>	

### 15. Regulatory Information

<b>U.S federal regulations</b>	This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA HCS 2012.	
<b>TSCA</b>	All ingredients are listed on the Toxic Substances Control Act or are exempt from listing.	
<b>CERCLA Super Fund 40CFR117.302</b>	Product contains a material with a Reportable Quantity (RQ): None	
<b>SARA Title III Section 311&amp;312</b>	Immediate (Acute) Health Hazard Alcohols, C6-C10, ethoxylated propoxylated CAS#168987-81-5 Citric acid CAS#77-92-9 1-Hydroxyethylidene-1, 1-diphosphonic acid CAS#2809-21-4	
<b>SARA Title III Section 313</b>	Ingredients subject to the reporting requirements of Section 313: None	
<b>California Proposition 65</b>	This product does not contain intentional ingredients known to the State of California to cause cancer, birth defects or reproductive effects. However trace amounts of Ethylene oxide (CAS#71-25-8) and Propylene oxide (CAS#75-56-9) may be present and are listed as possible carcinogens in the state of California.	
<b>States Right to Know</b>	Reportable Chemicals: 1-Hydroxyethylidene-1, 1-diphosphonic acid CAS#2809-21-4 Gluconic acid CAS#526-95-4 Citric acid CAS#77-92-9	

<b>Inventory Status</b>	<b>Inventory Name</b>	<b>On Inventory (Yes/No)*</b>
<b>Countries</b>		
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.

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## 16. Other Information

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### HMIS RATING

#### HMIS LEGEND

Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

### 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.

### Issue date

May 4, 2015

### Supersedes date

Previous issues.

### Reason for update

Conform to GHS OSHA HCS 2012.

### Expiration date

May 4, 2018



## SAFETY DATA SHEET

### 1. Product and Company Identification

<b>Product Name</b>	ENZ-OUT
<b>Product Number</b>	3AD
<b>Product Type</b>	Mixture
<b>Product Use</b>	Enzyme based Spot Remover for carpets & upholstery
<b>Manufacturer</b>	CFR, A Division of Tacony Corporation 3101 Wichita Court Fort Worth, TX 76140-1710
<b>Company Contact</b>	1-800-533-2557 or website <a href="http://www.cfrcorp.com">www.cfrcorp.com</a>
<b>Emergency Telephone Number</b>	1-800-270-5201

### 2. Hazards Identification

#### GHS Classification in accordance with 29CFR 1910 OSHA HCS

Serious eye damage/eye irritation, (Category 2B) H320  
Acute Aquatic toxicity (Category 3) H402

#### GHS Label elements, including precautionary statements

**Pictogram** None required

**Signal Word** Warning

#### Hazard Statements

H320 Causes eye irritation.  
H402 Harmful to aquatic life

#### Precautionary Statements

##### Prevention

P264 Wash and rinse hands and exposed skin after handling concentrated product.  
P273 Avoid release to the environment.

##### Response

P305+P351+P338 IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists, get medical attention.

##### Storage/Disposal

P501 Dispose of contents/container in accordance with local, regional and federal regulations

### 3. Composition/Information on Ingredients

The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
Alcohols, C6-C10, ethoxylated propoxylated	168987-81-5	H319, H402	1-5%
Enz-Out contains Alpha Amylase and Protease Enzymes. Not considered hazardous per 29CFR 1910.1200			

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## 4. First Aid Measures

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### Description of First Aid Procedures

<b>In case of Eye Contact</b>	Flush with cool running water for 15 minutes. If irritation persists, get medical attention.
<b>In case of Skin Contact</b>	Flush with cool water, Wash with soap and water, If irritation persists, get medical Attention.
<b>If Inhaled</b>	If symptoms develop, move to fresh air. If symptoms persist, get medical attention
<b>If Ingested</b>	Rinse mouth with water. Drink one or two glasses of water. <b>Do not induce vomiting.</b> Obtain medical attention. Never give anything by mouth to an unconscious person.
<b>.Notes to Physician</b>	Symptoms may be delayed.
<b>General advice</b>	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

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## 5. Fire-fighting Measures

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<b>Flammable properties</b>	Not flammable
<b>Extinguishing media</b>	Treat for surrounding material.
<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, nitrogen, and oxides of sulfur.
<b>Unusual Fire, Explosion hazards</b>	None known.

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## 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. Dike spill. Absorb spill with non reactive absorbent and place in a suitable, covered, labeled container for disposal. Never return spill to original container for reuse.
<b>Environmental Precautions</b>	Avoid release to the environment.

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## 7. Handling and Storage

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<b>Precautions for Safe Handling</b>	Use good industrial hygiene practices when handling this material
<b>Conditions for Safe Storage</b>	Keep out of reach of children. Keep from freezing, store in a cool dry place away from incompatible materials.

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## 8. Exposure Controls and Personal Protection

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<b>Exposure limits</b>			
<b>Ingredients</b>	<b>CAS-No</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Alcohols, C6-C10, ethoxylated propoxylated	168987-81-5	Not available	Not available





<b>Engineering controls</b>	General ventilation normally adequate
<b>Personal protective equipment</b>	
<b>Eye/Face protection</b>	Wear safety glasses with side shields if splash conditions exist.
<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

### Information on basic physical and chemical properties

<b>Appearance/form</b>	Clear liquid
<b>Color</b>	Colorless
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not established
<b>pH</b>	7.0-8.0 (Concentrate)
<b>Melting point/freezing point</b>	Not established
<b>Initial Boiling point</b>	> 212° F. ( 100° C.)
<b>Flash point</b>	None
<b>Evaporation rate</b>	Not established
<b>Flammability</b>	Not flammable
<b>Upper/lower flammability or Explosive limits</b>	Not established
<b>Vapor pressure</b>	Not established
<b>Vapor density</b>	Not established
<b>Specific gravity/density</b>	1.0-1.05
<b>Solubility in water</b>	Complete
<b>Partition coefficient:</b>	Not established
<b>Auto ignition temperature</b>	Not established
<b>Decomposition temperature</b>	Not established
<b>Stability and Reactivity</b>	Stable and non reactive under normal use and storage conditions.
<b>VOC</b>	< 1%
<b>% Volatile</b>	Approx. 95%

### Other safety Information

## 10. Stability and Reactivity

<b>Reactivity</b>	Not reactive under normal use and storage.
<b>Chemical Stability</b>	Stable under normal storage conditions.
<b>Hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids and oxidizers.
<b>Hazardous decomposition products</b>	May include but not limited to oxides of carbon.
<b>Hazardous polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Ingredients</b>	<b>LC50</b>
Alcohols,C6-C10, ethoxylated propoxylated	> 50mg/l (Inhalation-rat) 4 hours estimated
<b>Ingredients</b>	<b>LD50</b>
Alcohols,C6-C10, ethoxylated propoxylated	2745 mg/kg (Oral-rat), > 2000mg/kg (dermal-rat) estimated



**Effects of acute exposure**

<b>Eye</b>	Causes eye irritation
<b>Skin</b>	May cause mild or transient irritation.
<b>Inhalation</b>	Not normally a route of entry.
<b>Ingestion</b>	May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.

<b>Sensitization</b>	No data available.
<b>Chronic effects of short and long term exposure</b>	Prolonged exposure to skin may cause drying, defatting and irritation.
<b>Carcinogenicity</b>	Does not contain ingredients considered carcinogenic by NTP, IARC, or OSHA.
<b>Mutagenicity</b>	No data available.
<b>Reproductive effects</b>	No data available.
<b>Teratogenicity</b>	No data available.

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## 12. Ecological Information

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<b>Eco-toxicity</b>	Components of this product have been identified as harmful to the aquatic environmental.
<b>Environmental effects</b>	No data available.
<b>Aquatic toxicity</b>	
Alcohols, C6-C10, ethoxylated, propoxylated	LC50 Fish (primephales promelas): 1-10mg/l 96 hours EC50 Algae: 1-10 mg/l 48 hours EC50 Aquatic plants: 1-10 mg/l 120 hours
<b>Persistence and Degradability</b>	No data available
<b>Bioaccumulation/accumulation</b>	No data available.
<b>Partition coefficient</b>	No data available.
<b>Mobility in environmental media</b>	No data available.
<b>Chemical fate information</b>	No data available.
<b>Other adverse effects</b>	No data available.

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## 13. Disposal Considerations

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<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.

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## 14. Transport Information

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<b>Basic shipping requirements:</b>	Not DOT regulated
<b>Proper shipping name</b>	
<b>Hazard class</b>	
<b>UN number</b>	
<b>Packing group</b>	
<b>Special provisions</b>	

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## 15. Regulatory Information

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<b>U.S federal regulations</b>	This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA HCS 2012.
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**TSCA** All ingredients are listed on the Toxic Substances Control Act or are exempt from listing.

**CERCLA Super Fund 40CFR117.302** Product contains a material with a Reportable Quantity (RQ): None

**SARA Title III Section 311&312** Immediate (Acute) Health Hazard  
Alcohols, C6-C10, ethoxylated propoxylated CAS#168987-81-5

**SARA Title III Section 313** Ingredients subject to the reporting requirements of Section 313: None

**California Proposition 65** This product does not contain intentional ingredients known to the State of California to cause cancer, birth defects or reproductive effects. However trace amounts of Ethylene oxide (CAS#71-25-8) and Propylene oxide (CAS#75-56-9) may be present and are listed as possible carcinogens in the state of California.

**States Right to Know** Reportable Chemicals: None

**Inventory Status**

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

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

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## 16. Other Information

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**HMIS RATING**

**HMIS LEGEND**

Severe 4  
 Serious 3  
 Moderate 2  
 Slight 1  
 Minimal

**Health 1**  
**Flammability 0**  
**Reactivity 0**  
**Personal Protection B**

**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.

**Issue date**

May 4, 2015

**Supersedes date**

Previous issues.

**Reason for update**

Conform to GHS OSHA HCS 2012.

**Expiration date**

May 4, 2018



## SAFETY DATA SHEET

### 1. Product and Company Identification

<b>Product Name</b>	<b>POP-OUT</b>
<b>Product Number</b>	<b>3AH</b>
<b>Product Type</b>	Mixture
<b>Product Use</b>	Spot remover for carpets & upholstery
<b>Manufacturer</b>	CFR, A Division of Tacony Corporation 3101 Wichita Court Fort Worth, TX 76140-1710
<b>Company Contact</b>	1-800-533-2557 or website <a href="http://www.cfrcorp.com">www.cfrcorp.com</a>
<b>Emergency Telephone Number</b>	1-800-270-5201

### 2. Hazards Identification

#### GHS Classification in accordance with 29CFR 1910 OSHA HCS

Skin corrosion/irritation, (Category 2) H315  
Serious eye damage/eye irritation, (Category 2B) H319  
Acute Aquatic toxicity (Category 3) H402

#### GHS Label elements, including precautionary statements

##### Pictogram



**Signal Word** Warning

##### Hazard Statements

H316 Causes skin irritation.  
H320 Causes serious eye irritation.  
H402 Harmful to aquatic life

##### Precautionary Statements

###### Prevention

P264 Wash and rinse hands and exposed skin after handling concentrated product.  
P280 Wear eye protection/face protection.  
P273 Avoid release to the environment.

###### Response

P302+P352+321 IF ON SKIN, wash with soap and water. Rinse thoroughly with water.  
P332+P313 If skin irritation occurs, get medical attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P305+P351+P338 IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists, get medical attention.

###### Storage/Disposal

P501 Dispose of contents/container in accordance with local, regional and federal regulations

### 3. Composition/Information on Ingredients

The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
Sodium alkylnaphthalenesulfonate	Proprietary	H315, H318, H402	2-6%
Diethylene glycol mono butyl ether	112-34-5	H319	2-6%
Tetrapotassium pyrophosphate	7320-34-5	H315, H319	1-5%
Dipropylene glycol methyl ether	34590-94-8	H227	2-4%
Alkylbenzenesulfonate	Proprietary	H315, H318	1-2%
Sodium tripolyphosphate	7758-29-4	H315, H319	1-2%

### 4. First Aid Measures

Description of First Aid Procedures	
<b>In case of Eye Contact</b>	Flush with cool running water for 15 minutes. If irritation persists, get medical attention.
<b>In case of Skin Contact</b>	Flush with cool water, Wash with soap and water, If irritation persists, get medical Attention.
<b>If Inhaled</b>	If symptoms develop, move to fresh air. If symptoms persist, get medical attention
<b>If Ingested</b>	Rinse mouth with water. Drink one or two glasses of water. <b>Do not induce vomiting.</b> Obtain medical attention. Never give anything by mouth to an unconscious person.
<b>.Notes to Physician</b>	Symptoms may be delayed.
<b>General advice</b>	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

### 5. Fire-fighting Measures

<b>Flammable properties</b>	Not flammable
<b>Extinguishing media</b>	Water spray, Dry chemical, Carbon dioxide.
<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, nitrogen, and oxides of sulfur.
<b>Unusual Fire, Explosion hazards</b>	None known.

### 6. Accidental Release Measures

<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. Dike spill. Absorb spill with non reactive absorbent and place in a suitable, covered, labeled container for disposal. Never return spill to original container for reuse. After removal, rinse area with water.
<b>Environmental Precautions</b>	Avoid release to the environment.

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## 7. Handling and Storage

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<b>Precautions for Safe Handling</b>	Use good industrial hygiene practices when handling this material
<b>Conditions for Safe Storage</b>	Keep out of reach of children. Keep from freezing, store in a cool dry place away from incompatible materials.

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## 8. Exposure Controls and Personal Protection

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<b>Exposure limits</b>			
<b>Ingredients</b>	<b>CAS-No</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Sodium alkylnaphthalenesulfonate	Proprietary	Not available	Not available
Diethylene glycol mono butyl ether	112-34-5	Not available	TWA: 10 ppm
Tetrapotassium pyrophosphate	7320-34-5	Not available	TWA: 5mg <sup>3</sup> /m <sup>3</sup> dust
Dipropylene glycol methyl ether	34590-94-8	Not available	TWA: 100ppm
Alkylbenzenesulfonate	Proprietary	Not available	Not available
Sodium tripolyphosphate	7758-29-4	Not available	TWA: 10mg/m <sup>3</sup> dust
<b>Engineering controls</b>	Effective exhaust ventilation is recommended. Eye wash and safety shower should be near by.		
<b>Personal protective equipment</b>			
<b>Eye/Face protection</b>	Wear safety glasses with side shields if splash conditions exist.		
<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.		

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## 9. Physical and Chemical Properties

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<b>Information on basic physical and chemical properties</b>	
<b>Appearance/form</b>	Clear liquid
<b>Color</b>	Light tan to colorless
<b>Odor</b>	Fresh air
<b>Odor threshold</b>	Not established
<b>pH</b>	9.6-10.0 (Concentrate)
<b>Melting point/freezing point</b>	Not established
<b>Initial Boiling point</b>	> 212° F. ( 100° C.)
<b>Flash point</b>	> 200° F. ( 93° C.) EPA 1010 closed cup
<b>Evaporation rate</b>	Not established
<b>Flammability</b>	Not flammable
<b>Upper/lower flammability or Explosive limits</b>	Not established
<b>Vapor pressure</b>	Not established
<b>Vapor density</b>	Not established
<b>Specific gravity/density</b>	1.07-1.08
<b>Solubility in water</b>	Complete
<b>Partition coefficient:</b>	Not established
<b>Auto ignition temperature</b>	Not established
<b>Decomposition temperature</b>	Not established
<b>Stability and Reactivity</b>	Stable and non reactive under normal use and storage conditions.
<b>VOC</b>	< 3%
<b>% Volatile</b>	Approx 84%
<b>Other safety Information</b>	

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## 10. Stability and Reactivity

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<b>Reactivity</b>	Not reactive under normal use and storage.
<b>Chemical Stability</b>	Stable under normal storage conditions.
<b>Hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids, strong oxidizers.
<b>Hazardous decomposition products</b>	May include but not limited to oxides of carbon, nitrogen, phosphorous and oxides of sulfur.
<b>Hazardous polymerization</b>	Will not occur.

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## 11. Toxicological Information

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<b>Ingredients</b>	<b>LC50</b>
Sodium alkylnaphthalenesulfonate	No data available
Diethylene glycol mono butyl ether	No data available
Tetrapotassium pyrophosphate	No data available
Dipropylene glycol methyl ether	No data available
Alkylbenzenesulfonate	No data available
Sodium tripolyphosphate	No data available
<b>Ingredients</b>	<b>LD50</b>
Sodium alkylnaphthalenesulfonate	> 5,000 mg/kg (Oral-rat)
Diethylene glycol mono butyl ether	4,500 mg/kg (Oral-rat), 2,764 mg/kg (Dermal-rabbit)
Tetrapotassium pyrophosphate	> 1,000 mg/kg (Oral-rabbit), > 4,640 mg/kg (Dermal-rabbit)
Dipropylene glycol methyl ether	5,152 mg/kg (Oral-rat)
Alkylbenzenesulfonate	300-2,000 mg/kg (Oral-rat)
Sodium tripolyphosphate	2,730 mg/kg (Oral-rat), 500 mg/kg (Dermal-rabbit).
<b>Effects of acute exposure</b>	
<b>Eye</b>	Causes serious eye irritation
<b>Skin</b>	Causes skin irritation. Dipropylene glycol methyl ether, ACGIH skin notations. Potential for dermal absorption.
<b>Inhalation</b>	Not likely to cause irritation to respiratory tract..
<b>Ingestion</b>	May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.
<b>Sensitization</b>	No data available
<b>Chronic effects of short and long term exposure</b>	Prolonged exposure to skin may cause drying, defatting and irritation. May cause allergic reaction in some individuals.
<b>Carcinogenicity</b>	Does not contain ingredients considered carcinogenic by NTP, IARC, or OSHA.
<b>Mutagenicity</b>	No data available.
<b>Reproductive effects</b>	No data available.
<b>Teratogenicity</b>	No data available.

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## 12. Ecological Information

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<b>Eco-toxicity</b>	Components of this product have been identified as toxic to the aquatic environment.
<b>Environmental effects</b>	No data available.
<b>Aquatic toxicity</b>	
Sodium alkylnaphthalenesulfonate	EC50 Algae: > 100mg/l 72 hours
Diethylene glycol mono butyl ether	LC50 Fish: 1,300 mg/l 96 hours EC50 Daphnia: > 100 mg/l 48 hours EC50 Algae: > 100 mg/l 96 hours



Tetrapotassium pyrophosphate  
Dipropylene glycol methyl ether

No data available  
LC50 Fish (pimephales promelas): > 10000 mg/l 96 hours  
EC50 Daphnia magna: 1919 mg/l 48 hours

Sodium tripolyphosphate

No data available

<b>Persistence and Degradability</b>	No data available
<b>Bioaccumulation/accumulation</b>	No data available.
<b>Partition coefficient</b>	No data available.
<b>Mobility in environmental media</b>	No data available.
<b>Chemical fate information</b>	No data available.
<b>Other adverse effects</b>	No data available.

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### 13. Disposal Considerations

<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.

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### 14. Transport Information

<b>Basic shipping requirements:</b>	Not DOT regulated
<b>Proper shipping name</b>	
<b>Hazard class</b>	
<b>UN number</b>	
<b>Packing group</b>	
<b>Special provisions</b>	

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### 15. Regulatory Information

<b>U.S federal regulations</b>	This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA HCS 2012.
<b>TSCA</b>	All ingredients are listed on the Toxic Substances Control Act or are exempt from listing.
<b>CERCLA Super Fund 40CFR117.302</b>	Product contains a material with a Reportable Quantity (RQ): None
<b>SARA Title III Section 311&amp;312</b>	Immediate (Acute) Health Hazard Sodium alkylnaphthalenesulfonate (Proprietary). Diethylene glycol mono butyl ether CAS#112-34-5. Tetrapotassium pyrophosphate CAS#7320-34-5.
<b>SARA Title III Section 313</b>	Ingredients subject to the reporting requirements of Section 313: Diethylene glycol mono butyl ether CAS#112-34-5.
<b>California Proposition 65</b>	This product may contain 1 ingredients known to the State of California to cause cancer, birth defects or reproductive effects: Naphthalene CAS#91-20-3 in trace amounts.
<b>States Right to Know</b>	Reportable Chemicals: Dipropylene glycol mono methyl ether CAS#34590-94-8.





**Inventory Status**

**Countries**

**Inventory Name**

**On Inventory (Yes/No)\***

U.S.

Chemical Inventory List

Yes

Canada

Domestic substances list

Yes

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

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## 16. Other Information

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**HMIS RATING**

**HMIS LEGEND**

Severe 4  
Serious 3  
Moderate 2  
Slight 1  
Minimal

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

**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.

**Issue date**

May 7, 2015

**Supersedes date**

Previous issues.

**Reason for update**

Conform to GHS OSHA HCS 2012.

**Expiration date**

May 7, 2018



## SAFETY DATA SHEET

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### 1. Product and Company Identification

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<b>Product Name</b>	<b>ALL PURPOSE SPOTTER</b>
<b>Product Number</b>	<b>3BZ</b>
<b>Product Type</b>	Mixture
<b>Product Use</b>	Spot remover for carpets & upholstery
<b>Manufacturer</b>	CFR, A Division of Tacony Corporation 3101 Wichita Court Fort Worth, TX 76140-1710
<b>Company Contact</b>	1-800-533-2557 or website <a href="http://www.cfrcorp.com">www.cfrcorp.com</a>
<b>Emergency Telephone Number</b>	1-800-270-5201

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### 2. Hazards Identification

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#### GHS Classification in accordance with 29CFR 1910 OSHA HCS

Skin corrosion/irritation, (Category 3) H316  
Serious eye damage/eye irritation, (Category 2B) H320  
Acute Aquatic toxicity (Category 3) H402  
Chronic aquatic toxicity, (Category 3) H412

#### GHS Label elements, including precautionary statements

<b>Pictogram</b>	None required
<b>Signal Word</b>	Warning
<b>Hazard Statements</b>	
H316	Causes mild skin irritation.
H320	Causes eye irritation.
H402	Harmful to aquatic life
H413	Harmful to aquatic life with long lasting effects.
<b>Precautionary Statements</b>	
<b>Prevention</b>	
P264	Wash and rinse hands and exposed skin after handling concentrated product.
P273	Avoid release to the environment.
<b>Response</b>	
P332+P313	If skin irritation occurs, get medical attention.
P305+P351+P338	IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists, get medical attention.
<b>Storage/Disposal</b>	
P501	Dispose of contents/container in accordance with local, regional and federal regulations

---

### 3. Composition/Information on Ingredients

---

The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.



Hazardous Components	CAS#	Classification	%
Alcohols,C6-C10, ethoxylated propoxylated	168987-81-5	H319, H402	1-5%
Alcohols, C9-C11, ethoxylated	68439-46-3	H302, H316, H320, H412	1-5%
Terpene hydrocarbons	5989-27-5	H226, H303,H314,	1-3%
Diethylene glycol n butyl ether	112-34-5	H319,	1-2%

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## 4. First Aid Measures

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### Description of First Aid Procedures

<b>In case of Eye Contact</b>	Flush with cool running water for 15 minutes. If irritation persists, get medical attention.
<b>In case of Skin Contact</b>	Flush with cool water, Wash with soap and water, If irritation persists, get medical Attention.
<b>If Inhaled</b>	If symptoms develop, move to fresh air. If symptoms persist, get medical attention
<b>If Ingested</b>	Rinse mouth with water. Drink one or two glasses of water. <b>Do not induce vomiting.</b> Obtain medical attention. Never give anything by mouth to an unconscious person.
<b>.Notes to Physician</b>	Symptoms may be delayed.
<b>General advice</b>	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

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## 5. Fire-fighting Measures

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<b>Flammable properties</b>	Not flammable
<b>Extinguishing media</b>	Treat for surrounding material.
<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, nitrogen, and oxides of sulfur.
<b>Unusual Fire, Explosion hazards</b>	None known.

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## 6. Accidental Release Measures

---

<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. Dike spill. Absorb spill with non reactive absorbent and place in a suitable, covered, labeled container for disposal. Never return spill to original container for reuse.
<b>Environmental Precautions</b>	Avoid release to the environment.

---

## 7. Handling and Storage

---

<b>Precautions for Safe Handling</b>	Use good industrial hygiene practices when handling this material
<b>Conditions for Safe Storage</b>	Keep out of reach of children. Keep from freezing, store in a cool dry place away from incompatible materials.

## 8. Exposure Controls and Personal Protection

### Exposure limits

Ingredients	CAS-No	OSHA PEL	ACGIH TLV
Alcohols, C6-C10, ethoxylated, propoxylated	168987-81-5	Not available	Not available
Alcohols, C9-C11, ethoxylated,	68439-46-3	Not available	Not available
Terpene hydrocarbons	5989-27-5	Not available	Not available
Diethylene glycol n butyl ether	112-34-5	10ppm TWA	Not available

### Engineering controls

General ventilation normally adequate

### Personal protective equipment

#### Eye/Face protection

Wear safety glasses with side shields if splash conditions exist.

#### 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

### Information on basic physical and chemical properties

Appearance/form	Clear liquid
Color	Colorless
Odor	Solvent
Odor threshold	Not established
pH	3.5-3.6 (Concentrate)
Melting point/freezing point	Not established
Initial Boiling point	> 212° F. ( 100° C.)
Flash point	> 200° F. ( 93° C.) EPA 1010 closed cup
Evaporation rate	Not established
Flammability	Not flammable
Upper/lower flammability or Explosive limits	Not established
Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	0.990-1.002
Solubility in water	Complete
Partition coefficient:	Not established
Auto ignition temperature	Not established
Decomposition temperature	Not established
Stability and Reactivity	Stable and non reactive under normal use and storage conditions.
VOC	< 1%
% Volatile	Approx. 90%

### Other safety Information

## 10. Stability and Reactivity

Reactivity	Not reactive under normal use and storage.
Chemical Stability	Stable under normal storage conditions.
Hazardous reactions	None known.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong acids and oxidizers.
Hazardous decomposition products	May include but not limited to oxides of carbon, nitrogen, and oxides of sulfur.
Hazardous polymerization	Will not occur.

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## 11. Toxicological Information

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<b>Ingredients</b>	<b>LC50</b>
Alcohols,C6-C10, ethoxylated, propoxylated	> 50mg/l (Inhalation-rat) 4 hours estimated
Alcohols,C9-C11, ethoxylated	No data available
Terpene hydrocarbons	No data available
Diethylene glycol n butyl ether	No data available
<b>Ingredients</b>	<b>LD50</b>
Alcohols,C6-C10, ethoxylated, propoxylated	2745 mg/kg (Oral-rat), > 2000mg/kg (dermal-rat) estimated
Alcohols,C9-C11, ethoxylated	1400 mg/kg (Oral-rat), > 5000mg/kg (Dermal-rat)
Terpene hydrocarbons	4400mg/kg )Oral-rat), > 5000 mg/kg (Dermal-rat)
	Draize test, rabbit, eye: No eye irritation -168 hours
Diethylene glycol n butyl ether	5660 mg/kg (Oral-rat), 2700 mg/kg (Dermal-rabbit)
	Draize test, rabbit, eye: 20 mg/24 hour Moderate
	Draize test, rabbit, eye: 20 mg Severe
<b>Effects of acute exposure</b>	
<b>Eye</b>	Causes eye irritation
<b>Skin</b>	Causes mild irritation.
<b>Inhalation</b>	Not normally a route of entry.
<b>Ingestion</b>	May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.
<b>Sensitization</b>	No data available.
<b>Chronic effects of short and long term exposure</b>	Prolonged exposure to skin may cause drying, defatting and irritation.
<b>Carcinogenicity</b>	.
<b>Mutagenicity</b>	Does not contain ingredients considered carcinogenic by NTP, IARC, or OSHA.
<b>Reproductive effects</b>	No data available.
<b>Teratogenicity</b>	No data available.

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## 12. Ecological Information

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<b>Eco-toxicity</b>	Components of this product have been identified as toxic with long lasting effects to the aquatic environmental.
<b>Environmental effects</b>	No data available.
<b>Aquatic toxicity</b>	
Alcohols,C6-C10, ethoxylated, propoxylated	LC50 Fish (primephales promelas): 1-10mg/l 96 hours EC50 Algae: 1-10 mg/l 48 hours EC50 Aquatic plants: 1-10 mg/l 120 hours
Alcohols,C9-C11, ethoxylated	LC50 Fish (fathead minnow): 6mg/l 96 hours EC50 Daphnia: 2.5mg/l 48 hours EC50 Algae: 0.95 mg/l
Terpene hydrocarbons	LC50 Fish (pimephales promelas): 0.702 mg/l 96 hours EC50 Daphnia: 0.421 mg/l 48 hours EC50 Algae: 1.81 mg/l
Diethylene glycol n butyl ether	LC50 Fish: 1300 mg/l 96 hours EC50 Daphnia: > 100 mg/l 48 hours EC50 Algae: > 100 mg/l 96 hours
<b>Persistence and Degradability</b>	No data available
<b>Bioaccumulation/accumulation</b>	No data available.
<b>Partition coefficient</b>	No data available.
<b>Mobility in environmental media</b>	No data available.
<b>Chemical fate information</b>	No data available.
<b>Other adverse effects</b>	No data available.




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### 13. Disposal Considerations

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<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.

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### 14. Transport Information

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<b>Basic shipping requirements:</b>	Not DOT regulated
<b>Proper shipping name</b>	
<b>Hazard class</b>	
<b>UN number</b>	
<b>Packing group</b>	
<b>Special provisions</b>	

---

### 15. Regulatory Information

---

<b>U.S federal regulations</b>	This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA HCS 2012.	
<b>TSCA</b>	All ingredients are listed on the Toxic Substances Control Act or are exempt from listing.	
<b>CERCLA Super Fund 40CFR117.302</b>	Product contains a material with a Reportable Quantity (RQ): None	
<b>SARA Title III Section 311&amp;312</b>	Immediate (Acute) Health Hazard Alcohols, C6-C10, ethoxylated, propoxylated CAS#168987-81-5 Alcohols, C9-C11, ethoxylated CAS# 68439-46-3 Diethylene glycol n butyl ether CAS#112-34-5	
<b>SARA Title III Section 313</b>	Ingredients subject to the reporting requirements of Section 313: Diethylene glycol n butyl ether CAS# 112-34-5	
<b>California Proposition 65</b>	This product does not contain intentional ingredients known to the State of California to cause cancer, birth defects or reproductive effects. However trace amounts of Ethylene oxide (CAS#71-25-8) and Propylene oxide (CAS#75-56-9) may be present and are listed as possible carcinogens in the state of California.	
<b>States Right to Know</b>	Reportable Chemicals:	
<b>Inventory Status</b>		
<b>Countries</b>	<b>Inventory Name</b>	<b>On Inventory (Yes/No)*</b>
U.S.	Chemical Inventory List	Yes
Canada	Domestic substances list	Yes
<ul style="list-style-type: none"> <li>A öYesö indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.</li> </ul>		

---

## 16. Other Information

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### HMIS RATING

#### HMIS LEGEND

Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

### 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.

### Issue date

April 30, 2015

### Supersedes date

Previous issues.

### Reason for update

Conform to GHS OSHA HCS 2012.

### Expiration date

April 30, 2018



## SAFETY DATA SHEET

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### 1. Product and Company Identification

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<b>Product Name</b>	SUPER SOLV
<b>Product Number</b>	3AC
<b>Product Type</b>	Mixture
<b>Product Use</b>	Spot remover for carpets & upholstery
<b>Manufacturer</b>	CFR, A Division of Tacony Corporation 3101 Wichita Court Fort Worth, TX 76140-1710
<b>Company Contact</b>	1-800-533-2557 or website <a href="http://www.cfrcorp.com">www.cfrcorp.com</a>
<b>Emergency Telephone Number</b>	1-800-270-5201

---

### 2. Hazards Identification

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#### GHS Classification in accordance with 29CFR 1910 OSHA HCS

Skin corrosion/irritation, (Category 3) H316  
Serious eye damage/eye irritation, (Category 2B) H320  
Acute Aquatic toxicity (Category 3) H402  
Chronic aquatic toxicity, (Category 3) H412

#### GHS Label elements, including precautionary statements

<b>Pictogram</b>	None required
<b>Signal Word</b>	Warning
<b>Hazard Statements</b>	
H316	Causes mild skin irritation.
H320	Causes eye irritation.
H402	Harmful to aquatic life
H413	Harmful to aquatic life with long lasting effects.
<b>Precautionary Statements</b>	
<b>Prevention</b>	
P264	Wash and rinse hands and exposed skin after handling concentrated product.
P273	Avoid release to the environment.
<b>Response</b>	
P332+P313	If skin irritation occurs, get medical attention.
P305+P351+P338	IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists, get medical attention.
<b>Storage/Disposal</b>	
P501	Dispose of contents/container in accordance with local, regional and federal regulations

---

### 3. Composition/Information on Ingredients

---

The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.





Hazardous Components	CAS#	Classification	%
Alcohols,C6-C10, ethoxylated propoxylated	168987-81-5	H319, H402	1-5%
Alcohols, C9-C11, ethoxylated	68439-46-3	H302, H316, H320, H412	1-5%
Terpene hydrocarbons	5989-27-5	H226, H303,H314	1-4%
Dipropylene glycol methyl ether	34590-94-8	H227	1-4%
Propylene glycol n butyl ether	5131-66-8	H227, H319	1-3%

---

## 4. First Aid Measures

---

### Description of First Aid Procedures

<b>In case of Eye Contact</b>	Flush with cool running water for 15 minutes. If irritation persists, get medical attention.
<b>In case of Skin Contact</b>	Flush with cool water, Wash with soap and water, If irritation persists, get medical Attention.
<b>If Inhaled</b>	If symptoms develop, move to fresh air. If symptoms persist, get medical attention
<b>If Ingested</b>	Rinse mouth with water. Drink one or two glasses of water. <b>Do not induce vomiting.</b> Obtain medical attention. Never give anything by mouth to an unconscious person.
<b>.Notes to Physician</b>	Symptoms may be delayed.
<b>General advice</b>	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

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## 5. Fire-fighting Measures

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<b>Flammable properties</b>	Not flammable
<b>Extinguishing media</b>	Treat for surrounding material.
<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, nitrogen, and oxides of sulfur.
<b>Unusual Fire, Explosion hazards</b>	None known.

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## 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. Dike spill. Absorb spill with non reactive absorbent and place in a suitable, covered, labeled container for disposal. Never return spill to original container for reuse.
<b>Environmental Precautions</b>	Avoid release to the environment.

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## 7. Handling and Storage

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<b>Precautions for Safe Handling</b>	Use good industrial hygiene practices when handling this material
<b>Conditions for Safe Storage</b>	Keep out of reach of children. Keep from freezing, store in a cool dry place away from incompatible materials.

## 8. Exposure Controls and Personal Protection

### Exposure limits

Ingredients	CAS-No	OSHA PEL	ACGIH TLV
Alcohols, C6-C10, ethoxylated propoxylated	168987-81-5	Not available	Not available
Alcohols, C9-C11, ethoxylated	68439-46-3	Not available	Not available
Terpene hydrocarbons	5989-27-5	Not available	Not available
Dipropylene glycol methyl ether	34590-94-8	100 ppm TWA	150ppm STEL
Propylene glycol n butyl ether	5131-66-8	50 ppm TWA	Not available

### Engineering controls

General ventilation normally adequate

### Personal protective equipment

#### Eye/Face protection

Wear safety glasses with side shields if splash conditions exist.

#### 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

### Information on basic physical and chemical properties

Appearance/form	Clear liquid
Color	Colorless
Odor	Solvent
Odor threshold	Not established
pH	3.1-33 (Concentrate)
Melting point/freezing point	Not established
Initial Boiling point	> 212° F. ( 100° C.)
Flash point	> 200° F. ( 93° C.) EPA 1010 closed cup
Evaporation rate	Not established
Flammability	Not flammable
Upper/lower flammability or Explosive limits	Not established
Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	0.990-1.002
Solubility in water	Complete
Partition coefficient:	Not established
Auto ignition temperature	Not established
Decomposition temperature	Not established
Stability and Reactivity	Stable and non reactive under normal use and storage conditions.
VOC	< 8%
% Volatile	Approx. 92%

### Other safety Information

## 10. Stability and Reactivity

Reactivity	Not reactive under normal use and storage.
Chemical Stability	Stable under normal storage conditions.
Hazardous reactions	None known.
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.

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## 11. Toxicological Information

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<b>Ingredients</b>	<b>LC50</b>
Alcohols,C6-C10, ethoxylated, propoxylated	> 50mg/l (Inhalation-rat) 4 hours estimated
Alcohols,C9-C11, ethoxylated	No data available
Terpene hydrocarbons	No data available
Dipropylene glycol methyl ether	No data available
Propylene glycol n butyl ether	No data available
<b>Ingredients</b>	<b>LD50</b>
Alcohols,C6-C10, ethoxylated propoxylated	2745 mg/kg (Oral-rat), > 2000mg/kg (dermal-rat) estimated
Alcohols,C9-C11, ethoxylated	1400 mg/kg (Oral-rat), > 5000mg/kg (Dermal-rat)
Terpene hydrocarbons	4400mg/kg (Oral-rat), > 5000 mg/kg (Dermal-rat)
	Draize test, rabbit, eye: No eye irritation -168 hours
Dipropylene glycol methyl ether	5152 mg/kg (Oral-rat), Dermal no data available
Propylene glycol n butyl ether	5500 mg/kg (Oral-rat), > 2000mg/kg (Dermal-rat)
<b>Effects of acute exposure</b>	
<b>Eye</b>	Causes eye irritation
<b>Skin</b>	Causes mild irritation. May be absorbed through skin. Dipropylene glycol methyl ether, ACGIH skin notations. Potential for dermal absorption.
<b>Inhalation</b>	Not normally a route of entry.
<b>Ingestion</b>	May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.
<b>Sensitization</b>	Contains a potential skin sensitizer.
<b>Chronic effects of short and long term exposure</b>	Prolonged exposure to skin may cause drying, defatting and irritation. May cause allergic reaction in some individuals.
<b>Carcinogenicity</b>	Does not contain ingredients considered carcinogenic by NTP, IARC, or OSHA.
<b>Mutagenicity</b>	No data available.
<b>Reproductive effects</b>	No data available.
<b>Teratogenicity</b>	No data available.

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## 12. Ecological Information

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<b>Eco-toxicity</b>	Components of this product have been identified as toxic with long lasting effects to the aquatic environment.
<b>Environmental effects</b>	No data available.
<b>Aquatic toxicity</b>	
Alcohols,C6-C10, ethoxylated propoxylated	LC50 Fish (primephales promelas): 1-10mg/l 96 hours EC50 Algae: 1-10 mg/l 48 hours EC50 Aquatic plants: 1-10 mg/l 120 hours
Alcohols,C9-C11, ethoxylated	LC50 Fish (fathead minnow): 6mg/l 96 hours EC50 Daphnia: 2.5mg/l 48 hours EC50 Algae: 0.95 mg/l
Terpene hydrocarbons	LC50 Fish (pimephales promelas): 0.702 mg/l 96 hours EC50 Daphnia: 0.421 mg/l 48 hours EC50 Algae: 1.81 mg/l
Dipropylene glycol methyl ether	LC50 Fish (pimephales promelas): > 10000 mg/l 96 hours EC50 Daphnia magna: 1919 mg/l 48 hours
Propylene glycol n butyl ether	LC50 Fish (Poecilia reticulata): 560-1000 mg/l 96 hours LC50 Water flea (Daphnia magna): > 1000 mg/l 48 hours
<b>Persistence and Degradability</b>	No data available
<b>Bioaccumulation/accumulation</b>	No data available.
<b>Partition coefficient</b>	No data available.
<b>Mobility in environmental media</b>	No data available.



**Chemical fate information** No data available.  
**Other adverse effects** No data available.

### 13. Disposal Considerations

**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:** Not DOT regulated  
**Proper shipping name**  
**Hazard class**  
**UN number**  
**Packing group**  
**Special provisions**

### 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 SDS contains all of the information required by OSHA HCS 2012.

**TSCA** All ingredients are listed on the Toxic Substances Control Act or are exempt from listing.

**CERCLA Super Fund 40CFR117.302** Product contains a material with a Reportable Quantity (RQ):  
None

**SARA Title III Section 311&312** Immediate (Acute) Health Hazard  
Alcohols, C6-C10, ethoxylated propoxylated CAS#168987-81-5  
Alcohols, C9-C11, ethoxylated CAS# 68439-46-3  
Propylene glycol n butyl ether (CAS#5131-66-8)

**SARA Title III Section 313** Ingredients subject to the reporting requirements of Section 313: None

**California Proposition 65** This product does not contain intentional ingredients known to the State of California to cause cancer, birth defects or reproductive effects. However trace amounts of Ethylene oxide (CAS#71-25-8) and Propylene oxide (CAS#75-56-9) may be present and are listed as possible carcinogens in the state of California.

**States Right to Know** Reportable Chemicals:

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

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



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## 16. Other Information

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### HMIS RATING

#### HMIS LEGEND

Severe 4  
Serious 3  
Moderate 2  
Slight 1  
Minimal

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

### 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.

### Issue date

May 1, 2015

### Supersedes date

Previous issues.

### Reason for update

Conform to GHS OSHA HCS 2012.

### Expiration date

May 1, 2018