

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Product name : **Pro-Tec Carpet Protector**  
Product code : 5330

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Carpet Protector

### 1.3. Details of the supplier of the safety data sheet

Chemco Products Company  
19402 Susana Rd.  
Rancho Dominguez, CA 90221 - USA  
T 800-266-2116 - F 310-631-7496  
<http://www.flo-kem.com>

### 1.4. Emergency telephone number

Emergency number : CHEMTEL: 800-255-3924

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### GHS US classification

Eye Irrit. 2 H319

Full text of H- and EUH-statements: see section 16

### 2.2. Label elements

#### GHS US labeling

Hazard pictograms :



GHS07

Signal word :

Warning

Hazard statements :

Causes serious eye irritation.

Precautionary statements :

Wash hands, forearms and face thoroughly after handling.

Wear protective clothing, protective clothing, eye protection, face protection.

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

If eye irritation persists: Get medical advice/attention.

### 2.3. Hazard not otherwise classified (HNOC)

Other hazards which do not result in classification : No additional information available..

### 2.4. Unknown acute toxicity (GHS US)

No data available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable.

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

Full text of H- and EUH-statements: see section 16

### 3.2. Mixture

Name	Product identifier	%	GHS US classification
2-(2-butoxyethoxy)ethanol	(CAS-No.) 112-34-5	1 – 5	Eye Irrit. 2A, H319
Organo-metallic compounds	(CAS-No.) Trade Secret	1 - 5	Eye Dam. 1, H318

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

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\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: If skin irritation or rash occurs: Wash with plenty of soap and water. If skin irritation persists, get medical attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Symptoms/effects after skin contact	: Contact during a long period may cause slight irritation.
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa. Nausea.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Extinguishing media for surrounding fires. Adapt extinguishing media to the environment.
Unsuitable extinguishing media	: No unsuitable extinguishing media known.

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: No additional information available.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Isolate from fire, if possible, without unnecessary risk.

##### 6.1.1. For non-emergency personnel

Protective equipment	: Protective gloves. Safety glasses.
Emergency procedures	: Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment	: Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply.
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Wash down leftovers with plenty of water.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Avoid breathing mist, vapors. Ensure good ventilation of the work station. Observe normal hygiene standards.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and forearms thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Incompatible products : Oxidizing agent. Strong acids.
- Storage area : Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 2-(2-butoxyethoxy)ethanol (112-34-5)

ACGIH	ACGIH OEL TWA	10 ppm
ACGIH	ACGIH OEL STEL	10 ppm

#### 8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
- Other information : Do not eat, drink or smoke during use.
- Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Color : Milky
- Odor : Mild
- Odor threshold : No data available
- pH : 3 – 5
- Melting point : No data available
- Freezing point : No data available
- Boiling point : > 200 °F
- Flash point : > 200 °F
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability : No data available
- Explosion limits : No data available
- Vapor pressure : No data available
- Vapor density : No data available
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- Specific Gravity @ 77° F : 0.995 – 1.015
- Solubility : Water: Complete
- Partition Coefficient n-Octanol-Water : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Viscosity : No data available

#### 9.2. Other information

- VOC content : < 1 g/l CARB VOC

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## Safety Data Sheet

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable under recommended conditions.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

None identified.

#### 10.5. Incompatible materials

Strong acids. Oxidizers.

#### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

2-(2-butoxyethoxy)ethanol (112-34-5)	
LD50 oral rat	5660 mg/kg (Rat)
LD50 dermal rabbit	2764 mg/kg (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
ATE US (oral)	5660 mg/kg body weight
ATE US (dermal)	2764 mg/kg body weight

Skin corrosion/irritation : Not classified  
pH: 3 – 5

Serious eye damage/irritation : Causes serious eye irritation.  
pH: 3 – 5

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects after skin contact : Contact during a long period may cause slight irritation.

Symptoms/effects after eye contact : May cause slight irritation.

Symptoms/effects after ingestion : FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa.  
Nausea.

### SECTION 12: Ecological information

#### 12.1. Toxicity

2-(2-butoxyethoxy)ethanol (112-34-5)	
LC50 - Fish [1]	1300 mg/l (96 h; Lepomis macrochirus)
LC50 - Other aquatic organisms [1]	10 – 100 mg/l (96 h)
EC50 - Crustacea [1]	2850 mg/l (24 h; Daphnia magna; GLP)
LC50 - Fish [2]	1805 mg/l (48 h; Leuciscus idus)
EC50 - Crustacea [2]	> 100 mg/l (48 h; Daphnia magna)
TLM - Fish [1]	10 - 100,96 h; Pisces
TLM - Other aquatic organisms [1]	10 - 100,96 h
Threshold limit - Other aquatic organisms [1]	10 - 100,96 h
Threshold limit - Algae [1]	53 mg/l (192 h; Microcystis aeruginosa)

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## Safety Data Sheet

### 2-(2-butoxyethoxy)ethanol (112-34-5)

Threshold limit - Algae [2] ≥ 100 mg/l (96 h; Scenedesmus subspicatus)

#### 12.2. Persistence and degradability

### 2-(2-butoxyethoxy)ethanol (112-34-5)

Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photodegradation in the air.
Biochemical oxygen demand (BOD)	0.25 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	2.08 g O <sub>2</sub> /g substance
ThOD	2.173 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.11 % ThOD

#### 12.3. Bioaccumulative potential

### 2-(2-butoxyethoxy)ethanol (112-34-5)

BCF - Fish [1]	0.46 (QSAR)
Partition coefficient n-octanol/water (Log Pow)	0.56 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

#### 12.4. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with Local, State, and Federal regulations.  
Ecological waste information : Avoid release to the environment.

## SECTION 14: Transport information

#### 14.1. UN Number

UN-No.(DOT) : Not Regulated  
Other information : No supplementary information available.

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

## SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Organo-metallic compounds	CAS-No. Trade Secret	1 - 5%
Naturally-derived proprietary resin	CAS-No. Trade Secret	1 – 5%
2-(2-butoxyethoxy)ethanol	CAS-No. 112-34-5	1 – 5%

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

2-(2-butoxyethoxy)ethanol	CAS-No. 112-34-5	1 – 5%
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### 2-(2-butoxyethoxy)ethanol (112-34-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.  
Subject to reporting requirements of United States SARA Section 313.  
Listed on the Canadian DSL (Domestic Substances List).

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	1 %

#### 15.2. International regulations

##### CANADA

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### 2-(2-butoxyethoxy)ethanol (112-34-5)

Listed on the Canadian DSL (Domestic Substances List).

#### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

##### 15.2.2. National regulations

##### 15.3. US State regulations

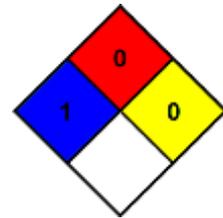
California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

## SECTION 16: Other information

Abbreviations Legend:

H318	Causes serious eye damage
H319	Causes serious eye irritation

- NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.
- NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
- NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



#### Hazard Rating

- Health : 1
- Flammability : 0
- Physical : 0
- Personal protection : A
- A - Safety glasses

#### Disclaimer 2.0

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ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE (310) 632-7124

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