

# Carpet/Upholstery Spot Remover

## Safety Data Sheet

### SECTION 1: Product and company identification

Product name : Carpet/Upholstery Spot Remover  
Use of the substance/mixture : Cleaner  
Product code : 8410  
Company : Total Solutions  
P.O. Box 240014  
Milwaukee, WI 53224 - USA  
T 800-743-6417  
[athea.com](http://athea.com)  
Contact: Technical Department  
Emergency number : Chemtrec: 1-800-424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

GHS-US classification  
Press. Gas (Liq.) H280  
Eye Irrit. 2B H320

#### 2.2. Label elements

GHS US labelling  
Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning  
Hazard statements (GHS US) : Contains gas under pressure; may explode if heated.  
Causes eye irritation  
Precautionary statements (GHS US) : Wash thoroughly after handling  
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.  
Protect from sunlight. Store in a well-ventilated place.

#### 2.3. Other hazards

No additional information available

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

Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Butoxyethanol	(CAS-No.) 111-76-2	5 – 10	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304
Petroleum Gases, Liquefied, Sweetened	(CAS-No.) 68476-86-8	3 – 7	Flam. Gas 1, H220 Press. Gas (Comp.), H280 Muta. 1B, H340 Carc. 1A, H350
Isopropanol	(CAS-No.) 67-63-0	1 – 5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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|---------------------------------------|--|
| First-aid measures general            | : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.   |
| First-aid measures after inhalation   | : Remove the victim into fresh air. Call a POISON CENTER/doctor if you feel unwell.  |
| First-aid measures after skin contact | : Take off immediately all contaminated clothing and wash it before reuse. Wash with water and soap. If skin irritation occurs: Get medical advice/attention.                          |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water for 15 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. Call a poison center or a doctor if you feel unwell.  |

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

- |                                     |                                  |
|-------------------------------------|----------------------------------|
| Symptoms/effects after skin contact | : Causes skin irritation.        |
| Symptoms/effects after eye contact  | : Causes serious eye irritation. |

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- |                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : Water fog. Dry chemical powder. Carbon dioxide.               |
| Unsuitable extinguishing media | : Do not use a water jet since it may cause the fire to spread. |

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

- |                  |  |
|------------------|--|
| Fire hazard      | : May liberate toxic gases. Extremely flammable aerosol.                             |
| Explosion hazard | : Contents under pressure. Contains gas under pressure; may explode if heated.       |
| Reactivity       | : The product is non-reactive under normal conditions of use, storage and transport. |

#### 5.3. Advice for firefighters

- |                           |  |
|---------------------------|--|
| Firefighting instructions | : Move containers away from the fire area if this can be done without risk. Cool tanks/drums with water spray/remove them into safety. |
|---------------------------|--|

### SECTION 6: Accidental release measures

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

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|------------------|---|
| General measures | : Evacuate unnecessary personnel. Stay upwind/keep distance from source. No flames, no sparks. Eliminate all sources of ignition. |
|------------------|---|

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

- |                      |   |
|----------------------|---|
| Protective equipment | : Do not enter without an appropriate protective equipment.   |
| Emergency procedures | : Do not touch spilled material. Ventilate spillage area. Advise local authorities if considered necessary. |

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Avoid discharge to the environment. Do not allow to enter drains or water courses.

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

- |                         |  |
|-------------------------|--|
| For containment         | : Eliminate every possible source of ignition. Stop leak if safe to do so. Move the cylinder to a safe and open area if the leak is irreparable. Clean up any spills as soon as possible, using an absorbent material to collect it. |
| Methods for cleaning up | : Clean thoroughly.  |

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- |                                   |   |
|-----------------------------------|---|
| Additional hazards when processed | : Keep away from heat, sparks and flame. Do not pierce or burn, even after use. Do not use if spray button is missing or defective. |
|-----------------------------------|---|

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- Precautions for safe handling : Ground/bond container and receiving equipment. Use only non-sparking tools. Use explosion-proof equipment. Do not spray on a naked flame or any incandescent material. Use only outdoors or in a well-ventilated area. Ensure good ventilation of the work station. Avoid breathing dust, fume, gas, mist, spray, vapours. Avoid contact with skin, eyes and clothing. Do not re-use empty containers. Use personal protective equipment as required.
- Hygiene measures : Use good personal hygiene practices.

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

- Technical measures : Pressurized container. Do not puncture, incinerate or crush.
- Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place.
- Storage area : Aerosol 1.
- Special rules on packaging : meet the legal requirements.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Butoxyethanol (111-76-2)		
ACGIH	ACGIH OEL TWA [ppm]	20 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
OSHA	OSHA PEL TWA [1]	240 mg/m <sup>3</sup>
OSHA	OSHA PEL TWA [2]	50 ppm

Petroleum Gases, Liquefied, Sweetened (68476-86-8)		
Not applicable		

Isopropanol (67-63-0)		
ACGIH	ACGIH OEL TWA [ppm]	200 ppm
ACGIH	ACGIH OEL STEL [ppm]	400 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr; CNS impair
OSHA	OSHA PEL TWA [1]	980 mg/m <sup>3</sup>
OSHA	OSHA PEL TWA [2]	400 ppm

### 8.2. Exposure controls

- Appropriate engineering controls : Provide sufficient air exchange and/or exhaust. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
- Hand protection : Gloves.
- Eye protection : Chemical goggles or safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : In case of inadequate ventilation wear respiratory protection.
- Thermal hazard protection : Use appropriate personal protective equipment when risk assessment indicates this is necessary.
- Consumer exposure controls : When using do not smoke. Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off contaminated clothing.

## SECTION 9: Physical and chemical properties

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

- Physical state : Liquid
- Appearance : Foam, White
- Odour : Neutral
- Odour threshold : No data available
- pH : 10
- Melting point : No data available
- Freezing point : No data available
- Boiling point : > 212 °F Estimated
- Flash point : Propellant estimated
- Relative evaporation rate (butylacetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosive limits : No data available
- Explosive properties : No data available
- Oxidising properties : No data available
- Vapour pressure : 17.5 mm Hg
- Relative density : 0.99
- Relative vapour density at 20 °C : > 2

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Density	: 0.99 – 1 g/ml Estimated
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Auto-ignition temperature	: Estimated
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
VOC content	: 15 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization does not occur.

#### 10.4. Conditions to avoid

Heat. Sparks. Open flame.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Butoxyethanol (111-76-2)	
LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300 mg/kg bodyweight
ATE CLP (dermal)	1100 mg/kg bodyweight
ATE CLP (dust,mist)	1.5 mg/l/4h

Isopropanol (67-63-0)	
LD50 oral rat	5840 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	16400 ml/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat [ppm]	> 10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
ATE CLP (oral)	5840 mg/kg bodyweight
ATE CLP (dermal)	16400000 mg/kg bodyweight

Skin corrosion/irritation : Not classified.  
pH: 10  
Serious eye damage/irritation : Causes eye irritation.  
pH: 10  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified.  
Carcinogenicity : Not classified.

Butoxyethanol (111-76-2)	
IARC group	3 - Not classifiable

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<b>Isopropanol (67-63-0)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

<b>Butoxyethanol (111-76-2)</b>	
NOAEL (oral, rat, 90 days)	see comments
NOAEL (dermal, rat/rabbit, 90 days)	see comments

Aspiration hazard : Not classified  
Symptoms/effects after skin contact : Causes skin irritation.  
Symptoms/effects after eye contact : Causes serious eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

Butoxyethanol (111-76-2)	
LC50 - Fish [1]	1474 mg/l <i>Oncorhynchus mykiss</i>
EC50 - Crustacea [1]	100 mg/l Water flea
ErC50 algae	1840 mg/l <i>Pseudokirchneriella subcapitata</i>
NOEC chronic fish	> 100 mg/l
NOEC chronic crustacea	100 mg/l daphnid

Isopropanol (67-63-0)	
LC50 - Fish [1]	9640 – 10000 mg/l (Equivalent or similar to OECD 203, 96 h, <i>Pimephales promelas</i> , Flow-through system, Fresh water, Experimental value, Lethal)

### 12.2. Persistence and degradability

Isopropanol (67-63-0)	
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.19 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	2.23 g O <sub>2</sub> /g substance
ThOD	2.4 g O <sub>2</sub> /g substance

### 12.3. Bioaccumulative potential

Isopropanol (67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0.05 (Weight of evidence approach, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Collect and reclaim or dispose in sealed containers at licensed waste disposal site.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Additional information : This material and its container must be disposed of in a safe manner. Handle uncleaned empty containers as full ones.

## SECTION 14: Transport information

### Department of Transportation (DOT)

Transport document description (DOT) : UN1950 Aerosols flammable, (each not exceeding 1 L capacity), 2.1  
UN-No.(DOT) : UN1950  
Proper Shipping Name (DOT) : Aerosols  
flammable, (each not exceeding 1 L capacity)  
Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115

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Hazard labels (DOT) : 2.1 - Flammable gas



DOT Packaging Non Bulk (49 CFR 173.xxx) : None  
DOT Packaging Bulk (49 CFR 173.xxx) : None  
DOT Special Provisions (49 CFR 172.102) : N82  
DOT Packaging Exceptions (49 CFR 173.xxx) : 306  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg  
DOT Vessel Stowage Location : A  
DOT Vessel Stowage Other : 25 - Protected from sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

### Additional information

Other information : When transported by ground, this product may be eligible to be shipped as a Limited Quantity utilizing the exception found at 49 CFR 173.306. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may be required.

### ADR

No additional information available

### Transport by sea

UN-No. (IMDG) : UN1950  
Proper Shipping Name (IMDG) : Aerosols  
Class (IMDG) : 2.1 - Flammable gases

### Air transport

UN-No. (IATA) : UN1950  
Proper Shipping Name (IATA) : Aerosols, Flammable  
Class (IATA) : 2.1 - Gases : Flammable

## SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

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.

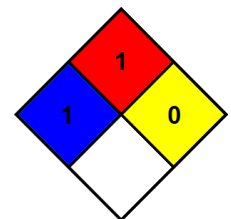
Butoxyethanol	111-76-2	5 – 10%
Isopropanol	67-63-0	1 – 5%

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

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.  
NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.  
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Prepared by: Technical Department

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