

SECTION 1: Identification and Supplier/Manufacturer's Information

1.1. Product identifier

Product form: Compounded Product
 Product name: **Super Spotter**
 Product code: **PC1025**

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

Use of the substance/mixture: Carpet Cleaner

1.3. Details of the supplier of the safety data sheet

Pioneer Chemical T 310-366-7393
 13717 S. Normandie Ave. F 310-366-7193
 Gardena, CA 90249 - USA www.pioneerchem.com

1.4. Emergency telephone number

Emergency number: INFOTRAC: 800-535-5053

SECTION 2: Hazards identification


2.1. Classification of the substance or mixture

Classification (GHS-US)

Eye Irrit. 2A H319

2.2. Label elements

GHS-US labeling

Hazard pictograms:  Hazard statements: Causes serious eye irritation.

Signal word: Warning Precautionary statements: Wash hands and forearms thoroughly after handling.

2.3. Hazard not otherwise classified (HNOC)

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Ethylene Glycol Monobutyl Ether	(CAS No) 111-762-2	< 10	Skin Irritation - Category 2 Eye Irritation - Category 2 Flammable Liquids - Category 4 Acute toxicity Dermal - Category 4 Acute toxicity Inhalation Dust/Mist - Category 4 Acute toxicity Oral - Category 4
Isopropyl Alcohol	(CAS No)	< 10	Flammable Liquid - Category 3 Serious Eye Irritation - Category 2A STOT-SE Narcotic Effects - Category 3

(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

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:	Remove to fresh air. Obtain medical attention if respiratory irritation occurs or if breathing becomes difficult.
First-aid measures after skin contact:	Remove contaminated clothing, flush skin with plenty of water. Consult physician if irritation occurs.
First-aid measures after eye contact:	Immediately flush with plenty of water for at least 15 minutes. Consult physician.
First-aid measures after ingestion:	Give two glasses of water. Do not induce vomiting. Have medical personnel determine if evacuation of the stomach is necessary. Avoid alcohol. Do not give anything by mouth to an

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

Symptoms/injuries:	This product is readily absorbed through the skin. Frequent or wide spread contact may absorb harmful amounts. Repeated over exposure may cause damage to the liver, kidneys, lungs and red blood cells causing blood in the urine.
Symptoms/injuries after skin contact:	Prolonged contact with the skin will cause irritation and may cause dermatitis. Persons with pre-existing dermatitis may be more susceptible to the effects of this product.
Symptoms/injuries after eye contact:	Contact will cause irritation.
Symptoms/injuries after ingestion:	Swallowing may cause irritation to the throat, mouth and digestive tract accompanied by nausea and vomiting.
Symptoms/injuries after inhalation:	Prolonged exposure to vapors in poorly ventilated areas may cause irritation of the mucous membranes of the respiratory tract.

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:	Use water spray, dry chemical, CO ₂
Unsuitable extinguishing media:	N/A

5.2. Special hazards arising from the substance or mixture

Fire hazard:	Not flammable.
Reactivity:	No data available.

5.3. Advice for firefighters

Firefighting instructions:	Dilution of burning liquid with large volumes of water will effect extinguishment.
Protection during firefighting:	Firefighters should wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures:

6.1.1. For non-emergency personnel

Emergency procedures :	Evacuate unnecessary personnel.
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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:	Small spills: Mop up excess materials. Large spills: Absorb with absorbent and place in suitable container or pick up material with vacuum truck.
Methods for cleaning up:	Small spills: Flush with water. Extinguish all surrounding ignition sources. Large spills: Flush spill area with water to remove any residue. Notify local, state and federal regulatory agencies as required.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Read and follow all label directions and precautions; avoid contamination of food or feed.
 Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Wash contaminated clothing before reuse. 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: Strong acids, oxidizing materials.
 Storage area: Store in a cool place. Maintain container closed. See above practices. Read and follow all label directions and precautions; Avoid contamination of food or feed. Do not discharge into lakes, streams or public water. Keep out of reach of children.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ethylene Glycol Monobutyl Ether		
USA ACGIH	ACGIH Ceiling (mg/m ³)	25 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	25 ppm

8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.
 Hand protection: Wear protective rubber gloves.
 Eye protection: Wear safety goggles.
 Skin and body protection: Not required under normal use conditions.
 Respiratory protection: None required if good ventilation is maintained.
 Other information: When using, do not eat, drink or smoke.
 Appropriate engineering controls: The recommendations described in this section are provided as general guidance for minimized exposure when handling this product. Because use conditions will vary depending upon customer

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid	Relative evaporation rate (butyl acetate=1):	No data available
Color:	Clear Yellow	Partition Coefficient n-Octanol-Water:	No data available
Odor:	Lemon	Flammability (solid, gas):	Not flammable
Odor threshold:	No data available	Vapor pressure:	Approx. Water
pH:	7.5 - 8	Vapor density:	Approx. Water
Melting point:	No data available	Specific Gravity @ 77° F:	1.04 ± 0.0005
Freezing point:	No data available	Solubility:	Water: Complete
Boiling point:	Approx. 212 °F	Flash point:	Will not flash.
Explosive limits:	No data available	Auto-ignition temperature:	No data available
Viscosity:	No data available	Decomposition temperature:	No data available

9.2. Other information

VOC content: 0 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with strong acids, oxidizing materials.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

None known

10.5. Incompatible materials

Strong acids, oxidizing materials.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide may be liberated as well as unidentified organic compounds in black smoke.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Ethylene Glycol Monobutyl Ether (111-762-2)	
LC50 female rat	450 ppm (4hr) (2)
LC50 male rat	486 ppm (4hr) (2)
LD50 oral, male weaning rat	3000 mg/kg (1)
LD50 oral 6-week old male rat	2400 mg/kg (1)
LD50 oral, yearling male rat	560 mg/kg (1)
LD50 oral female rat	530 mg/kg; 2500 mg/kg (1)
LD50 oral male mouse	1230 mg/kg (1)
LD50 dermal male rabbit	406 mg/kg (cited as 0.45 mL/kg) (1)
Isopropyl Alcohol (67-63-0)	
LD50 oral rat	5045 mg/kg
LD50 dermal rabbit	>12000 mg/kg
LC50 inhalation rat	30 mg/l (4hr)

Skin corrosion/irritation:

No chronic effects reported.

Serious eye damage/irritation:

No chronic effects reported.

Respiratory or skin sensitization:

Not classified

Germ cell mutagenicity:

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity:

Not classified

Reproductive toxicity:

Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure):

Not classified

Specific target organ toxicity (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/injuries after skin contact:

No data available

Symptoms/injuries after eye contact:

Possible irritation if contacted.

Symptoms/injuries after ingestion:

Harmful if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

Isopropyl Alcohol (67-63-0)

LC50 fish 1	>4000 mg/l (96 hr ; Rasbora heteromorpha)
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12.2. Persistence and degradability

Ethylene Glycol Monobutyl Ether (111-762-2)

Persistence and degradability	No data available.
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Isopropyl Alcohol (67-63-0)

Persistence and degradability	No data available.
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12.3. Bioaccumulative potential

Ethylene Glycol Monobutyl Ether (111-762-2)

Bioaccumulative potential	No data available.
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Isopropyl Alcohol (67-63-0)

Bioaccumulative potential	No expected to bioaccumulate
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12.4. Other adverse effects

Other information: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: Dispose of contents/container in accordance with Local, State, and Federal regulations.

Ecology - waste materials: Avoid release to the environment.

SECTION 14: Transport information

14.1. UN Number

UN-No.(DOT): N/A

Other information: N/A

14.2. UN proper shipping name

DOT Proper Shipping Name: N/A

Hazard labels (DOT): N/A

SECTION 15: Regulatory information

15.1. US Federal regulations

Isopropyl Alcohol (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA Section 311/312 Hazard Classes	Acute Health Hazard, Fire Hazard
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15.2. International regulations

European Union

EINECS 2200-661-7

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 and/or reproductive harm

SECTION 16: Other information

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ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE (310) 366-7393

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