

SECTION 1: Identification and Supplier/Manufacturer's Information

1.1. Product Identifier

Product form: Compounded Product
Product name: Steam Shampoo
Product code: 1023

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

Use of the substance/mixture: Carpet shampoo

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)
Glycol Ether EB	(CAS No) 111-76-2	< 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
Sodium Tripolyphosphate	(CAS No) 7758-29-4	< 5	Skin Irritation - Category 2 Serious Eye Irritation - Category 2A Specific Target Organ (Respiratory) Toxicity, Single Exposure - Category 3
Surfonic N-95/NP9	(CAS No) 9016-45-8	< 3	Eye Irritation - Category 2B Acute Aquatic Toxicity - Category 2 Chronic Aquatic Toxicity - Category 2

(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: Treat symptomatically. Get medical attention if symptoms persist.

First-aid measures after skin contact: No data available.

First-aid measures after eye contact: Flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If irritation persists get immediate medical attention. If physician not available, flush for additional 15 minutes and then transport victim to medical care facility.

First-aid measures after ingestion: Call a physician or poison control center immediately. Induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person.

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

Symptoms/injuries: Can cause chronic irritation to the skin. Irritant to eyes and mucous membranes.
Symptoms/injuries after skin contact: Prolonged contact with the skin will cause irritation and may cause dermatitis.
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.

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: Alcohol foam, carbon dioxide, dry chemical, water
Unsuitable extinguishing media: N/A

5.2. Special hazards arising from the substance or mixture

Fire hazard: Not flammable.
Reactivity: None known

5.3. Advice for firefighters

Firefighting instructions: Cool fire-exposed containers with water spray.
Protection during firefighting: Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.

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.

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: Use mop, absorbent or wet vacuum to collect material for proper disposal.
Methods for cleaning up: Rinse area with water.

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: Maintain adequate ventilation. Avoid eye contact. Follow emergency and first aid procedures.
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: None known
Storage area: Store in a cool place, maintain container closed. Keep out of reach of children.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Glycol Ether EB (+A92:D100111-76-2)		
USA ACGIH	ACGIH Ceiling (mg/m³)	SKIN
USA OSHA	OSHA PEL (TWA) (mg/m³)	25ppm
Sodium Tripolyphosphate (7758-29-4)		

USA ACGIH	ACGIH Ceiling (mg/m ³)	None
USA OSHA	OSHA PEL (TWA) (mg/m ³)	None
Surfonic N-95/NP9		
USA ACGIH	ACGIH Ceiling (mg/m ³)	None
USA OSHA	OSHA PEL (TWA) (mg/m ³)	None

8.2. Exposure controls

Personal protective equipment:	Avoid all unnecessary exposure.
Hand protection:	Wear rubber or neoprene gloves, when needed, to prevent prolonged skin contact.
Eye protection:	Wear chemical splash goggles where there is a potential for eye contact.
Skin and body protection:	Not required under normal use conditions.
Respiratory protection:	Not required if good ventilation is maintained.
Other information:	Local ventilation required.
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	Relative evaporation rate (butyl acetate=1):	No data available
Color:	Light green	Partition Coefficient n-Octanol-Water:	No data available
Odor:	Lemon	Flammability (solid, gas):	Not flammable
Odor threshold:	No data available	Vapor pressure:	Not known
pH:	9.5	Vapor density:	Not known
Melting point:	Not known	Specific Gravity @ 77° F:	1.07
Freezing point:	No data available	Solubility:	Water: Complete
Boiling point:	212°F	Flash point:	>200°
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

None known

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

None known

10.6. Hazardous decomposition products

Normal products of combustion

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)
Sodium Tripolyphosphate (7758-29-4)	
LD50 oral rat	3100 mg/kg
LD50 dermal rabbit	7940 mg/kg
LD50 dermal rabbit	500mg (24hr) Moderate
Surfonic N-95/NP9 (9016-45-9)	
LD50 oral rat	3314 mg/kg
LD50 dermal rabbit	>3000 mg/kg

Skin corrosion/irritation:	Can cause chronic irritation to the skin.
Serious eye damage/irritation:	Irritant to eyes and mucous membranes.
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:	Prolonged contact with the skin will cause irritation and may cause dermatitis.
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.

SECTION 12: Ecological information

12.1. Toxicity

Sodium Tripolyphosphate (7758-29-4)	
LC50 fish 1	1650 mg/L (48 hr)
Surfonic N-95/NP9 (9016-45-9)	
LC50 fish 1	1 mg/L (96 hr)
LC50 fish 2	7.6 mg/L (96 hr)
LC50 fish 3	8.6 mg/L (96 hr)

12.2. Persistence and degradability

Glycol Ether EB (111-76-2)	
Persistence and degradability	No data available
Sodium Tripolyphosphate (7758-29-4)	
Persistence and degradability	No data available
Sag 10 Silicone Antifoam Endisil (7732-18-5)	
Persistence and degradability	No data available



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Surfonic N-95/NP9 (9016-45-9)	
Persistence and degradability	<60% after 28 days
12.3. Bioaccumulative potential	
Glycol Ether EB (111-76-2)	
Bioaccumulative potential	No data available
Sodium Tripolyphosphate (7758-29-4)	
Bioaccumulative potential	No data available
Sag 10 Silicone Antifoam Endisil (7732-18-5)	
Bioaccumulative potential	No data available
Surfonic N-95/NP9 (9016-45-9)	
Bioaccumulative potential	No data available
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	
2-Butoxyethanol (111-76-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
Sodium Tripolyphosphate (7758-29-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Acute Health Hazard
Surfonic N-95/NP9 (9016-45-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Acute Health Hazard
15.2. International regulations	
No data available	
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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Safety Data Sheet

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

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