





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1884	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SPOTLESS	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Carpet Spot & Stain Remover	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Gases under pressure: Liquefied gas Eye irritation: Category 2A	SIGNAL WORD: WARNING	SYMBOL:		
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HAZARD STATEMENTS:

H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

Prevention: P264 Wash skin thoroughly after handling.

P280 Wear eye protection/ face protection.

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 advice/ attention.

Storage: P410 + P403 Protect from sunlight. Store in a well-ventilated place.

POTENTIAL HEALTH EFFECTS:

Carcinogenicity:

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No component of this product presents at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Butane	106-97-8	>= 5 - < 10
Propan-2-ol	67-63-0	>= 5 - < 10
2-(2-butoxyethoxy) ethanol	112-34-5	>= 5 - < 10
Acetone	67-64-1	>= 1 - < 5
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1	>= 1 - < 5
1-phenoxypropan-2-ol	770-35-1	>= 1 - < 5
Propane	74-98-6	>= 1 - < 5
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	>= 1 - < 5
Sodium nitrite	7632-00-0	>= 0.1 - < 1

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

EYES: Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. If in eyes, rinse with water for 15 minutes.

SKIN: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before re-use. Call a physician if irritation develops or persists.

INHALATION:

If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

INGESTION:

Keep respiratory tract clear. Never give anything by mouth to an unconscious person. DO NOT induce vomiting unless directed to do so by a physician or poison control center. If symptoms persist, call a physician.

5. Fire Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical. Water spray jet.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

High volume water jet.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide (CO₂). Carbon monoxide. Smoke.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Do not allow run-off from firefighting to enter drains or watercourses.

SPECIFIC FIRE-FIGHTING METHODS:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

ENVIRONMENTAL PRECAUTIONS:

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.

METHODS AND MATERIALS FOR CONTAINMENT & CLEANUP:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal.

7. Handling and Storage

SAFE HANDLING:

Avoid contact with skin and eyes. For personal protection see Section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in workrooms. Always replace cap after use. Dispose of rinse water in accordance with local and national regulations. Do not breathe vapours or spray mist.

SAFE STORAGE:

BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. No smoking. Observe label precautions. Keep in a dry, cool and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.

MATERIALS TO AVOID:


Strong oxidizing agents.

8. Exposure Controls / Personal Protection

Components	CAS No	Value Type (Form of Exposure)	Control Parameters/ Permissible Concentration	Basis
Butane	106-97-8	TWA	800 ppm	NIOSH REL
		TWA	1,900 mg/m ³	OSHA P0
		TWA	800 ppm	OSHA P0
Propan-2-ol	67-63-0	TWA	1,900 mg/m ³	ACGIH
		STEL	200 ppm	ACGIH
		TWA	400 ppm	NIOSH REL
		ST	400 ppm	NIOSH REL
		TWA	980 mg/m ³	OSHA Z-1
		TWA	500 ppm	OSHA P0
		TWA	1,225 mg/m ³	OSHA P0
		STEL	980 mg/m ³	OSHA P0
Acetone	67-64-1	TWA	500 ppm	OSHA P0
		STEL	1,225 mg/m ³	ACGIH
		TWA	750 ppm	ACGIH
		TWA	250 ppm	NIOSH REL
		TWA	590 mg/m ³	OSHA Z-1
		TWA	1,000 ppm	OSHA Z-1
		TWA	2,400 mg/m ³	OSHA P0
		STEL	750 ppm	OSHA P0
Propane	74-98-6	TWA	1,800 mg/m ³	OSHA P0
		STEL	1,000 ppm	OSHA P0
		TWA	2,400 mg/m ³	ACGIH
		TWA	1,000 ppm	NIOSH REL
		TWA	1,000 ppm	NIOSH REL
TWA	1,800 mg/m ³	OSHA Z-1		
TWA	1,800 mg/m ³	OSHA Z-1		
TWA	1,000 ppm	OSHA P0		
TWA	1,000 ppm	OSHA P0		

BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS:						
Component	CAS No	Control Parameters	Biological Specimen	Sampling Time	Permissible Concentration	Basis
Propan-2-ol	67-63-0	Acetone	Urine	End of shift at end of work week	40 mg/l	ACGIH BEI
2-Propanone	67-64-1	Acetone	Urine	End of shift (As soon as possible after exposure ceases)	50 mg/l	ACGIH BEI

PERSONAL PROTECTIVE EQUIPMENT:



Eye Protection: Tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems. Ensure that eyewash stations and safety showers are close to the workstation location.

Skin Protection: Hand: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Skin/Body: Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene Considerations: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

9. Physical & Chemical Properties			
Appearance:	Aerosol containing a liquefied gas.	Flammability (solid/gas):	The product is not flammable.
Color:	Clear.	Explosive Limit – lower (%):	No data available.
Odor:	Characteristic.	Explosive Limit – upper (%):	No data available.
Odor Threshold:	No data available.	Vapor Pressure:	4,136 hPa (21°C)
pH:	9.5-10	Density:	0.985 g/cm ³
Melting/Freezing Point:	No data available.	Relative Vapor Density:	No data available.
Boiling Point:	No data available.	Solubility (water):	Soluble.
Partition Coeff (n-octanol/water):	No data available.	Auto-Ignition Temperature:	Not determined.
Flash Point:	Not applicable.	Thermal Decomposition:	No data available.
Evaporation Rate:	1	Viscosity, kinematic:	No data available.
Heat of Combustion:	10.46 kJ/g		

10. Stability & Reactivity Information	
REACTIVITY: Stable.	
CHEMICAL STABILITY: Stable under normal conditions	
POSSIBILITY OF HAZARDOUS REACTIONS: Vapours may form explosive mixture with air. No decomposition if stored and applied as directed.	
INCOMPATIBLE MATERIALS: Strong oxidizing agents.	
CONDITIONS TO AVOID: Heat, flames and sparks. Extremes of temperature and direct sunlight.	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide (CO ₂), Carbon monoxide, Nitrogen oxides (NO _x).	

11. Toxicological Information				
ACUTE TOXICITY:				
Product:	Species	Test Results	Method	
Acute Dermal Oral		>5,000 mg/kg >5,000 mg/kg	Calculation method. Calculation method.	
Components	Species	Test Results	Exposure Time	
Butane				
Acute Inhalation LC50	Mouse Rat	1,237 mg/l 1,355 mg/l	2 h	
Propan-2-ol				
Acute Oral LD50	Rat	4,396 mg/kg	Calculation method.	
Acetone				
Acute Dermal LD50	Guinea pig Rabbit	>7,426 mg/kg >7,426 mg/kg		
Inhalation LC50	Rat	132 mg/l	3 h	
Oral				

Propane	LD50	Rat	5,800 mg/kg	
	Acute			
	<i>Inhalation</i>			
	LC50	Mouse	1,237 mg/l	2 h
		Rat	658 mg/l	4 h
		Rat	1,355 mg/l	
SKIN CORROSION/IRRITATION:				
May cause skin irritation and/or dermatitis.				
SERIOUS EYE DAMAGE/IRRITATION:				
Severe eye irritation				
RESPIRATORY OR SKIN SENSITIZATION:				
No data available.				
GERM CELL MUTAGENICITY:				
No data available.				
CARCINOGENICITY:				
No data available.				
REPRODUCTIVE TOXICITY:				
No data available.				
butane:				
propan-2-ol:				
2-(2-butoxyethoxy)ethanol:				
acetone:				
D-Glucopyranose, oligomers, decyl octyl glycosides:				
1-phenoxypropan-2-ol:				
propane:				
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides:				
sodium nitrite:				
STOT - single exposure:				
No data available.				
STOT - repeated exposure:				
No data available.				
ASPIRATION TOXICITY:				
No data available.				
FURTHER INFORMATION:				
No data available.				

12. Ecological Information

ECOTOXICITY:	No data available.
PERSISTENCE AND DEGRADABILITY:	No data available.
BIOACCUMULATIVE POTENTIAL:	<p>Partition coefficient: n- octanol/water: No data available.</p> <p>Butane: Partition coefficient: n- octanol/water: Pow: 2.89</p> <p>2-(2-butoxyethoxy)ethanol): Partition coefficient: n- octanol/water: Pow: 1</p> <p>D-Glucopyranose, oligomeric, C10-16-alkyl glycosides: Partition coefficient: n- octanol/water: Pow: 0.07</p>
MOBILITY IN SOIL:	No data available.
OTHER ADVERSE EFFECTS:	<p>No data available.</p> <p>Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances.</p> <p>Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).</p>
ADDITIONAL ECOLOGICAL INFORMATION:	No data available.

13. Disposal Consideration

WASTE FROM RESIDUES:	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.
CONTAMINATED PACKAGING:	Empty remaining contents. Dispose of as unused product. Do not reuse empty containers. Do not burn, or use a cutting torch on, the empty drum.

14. Transportation Information

TRANSPORTATION REGULATION: 49 CFR (USA):	ORM-D, CONSUMER COMMODITY
TRANSPORTATION REGULATION: IMDG (Vessel):	UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity
TRANSPORTATION REGULATION: IATA (Cargo Air):	UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity
TRANSPORTATION REGULATION: IATA (Passenger Air):	UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity
TRANSPORTATION REGULATION: TDG (Canada):	

15. Regulatory Information**EPCRA – EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW ACT:****CERCLA Reportable Quantity**

Components	CAS No	Component RQ (lbs)	Calculated Product RQ (lbs)
Sodium nitrite	7632-00-0	100	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 HAZARDS:

Acute Health Hazard. Sudden Release of Pressure Hazard.

SARA 302:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CALIFORNIA PROP 65:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

THE COMPONENTS OF THIS PRODUCT ARE REPORTED IN THE FOLLOWING INVENTORIES:

TSCA: On TSCA Inventory.

DSL: This product contains one or several components that are not on the Canadian DSL nor NDSL.

AICS: Not in compliance with the inventory.

NZIoC: Not in compliance with the inventory.

PICCS: Not in compliance with the inventory.

IECSC: Not in compliance with the inventory.

INVENTORY ACRONYM AND VALIDITY AREA LEGEND:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

16. Other Information

NFPA	Health Hazards: 3	Flammability: 1	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: 3	Flammability: 1	Physical hazards: 2	Personal protection:

0 = not significant, 1 =Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole 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 hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.