

SAFETY DATA SHEET

SECTION I IDENTIFICATION

PRODUCT NAME: **SERVICE PRO CARPET STAIN REMOVER**
PRODUCT CODE: P/N: SP0676AI

Pg. 1/5
Version 2
8/8/2013

Meets GHS requirements

SUPPLIER: CUL-MAC INDUSTRIES, INC.
ADDRESS: 3720 S. VENOY
WAYNE, MI 48184
PHONE: (734) 728-9700

MANUFACTURED FOR: AIOD
ADDRESS: PO BOX 1861
MONTROSE, CO 81402
PHONE: (800) 313-2463
EMERGENCY PHONE: (866) 214-4235 (3E COMPANY)

SECTION II HAZARD IDENTIFICATION



EMERGENCY OVERVIEW:

Aerosol. CONTENTS UNDER PRESSURE. Product is easily ignited by heat, spark, or flame. May be harmful if absorbed through the skin. Prolonged exposure may cause chronic effects.

ROUTES OF ENTRY:

Skin, Eyes, Ingestion, Inhalation

HEALTH HAZARDS:
(acute & chronic)

WARNING:
SKIN - This product may be harmful if absorbed through the skin. Prolonged exposure may result in defatting or drying of the skin which may result in dermatitis.
EYE - Contact may irritate or burn the eyes which may result in corneal injury.
INHALATION - Intentional misuse by inhaling the product can be harmful or fatal.
INGESTION - Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into the body by ingestion. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

TARGET ORGANS:

2-butoxyethanol may be absorbed through the skin in toxic amounts if contact is repeated or prolonged and may cause blood damage. These effects have not been observed in humans.

CARCINOGENICITY:

Not listed by OSHA, IARC, OR NTP

SECTION III COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL:	% by wt.	CAS #	OSHA PEL	ACGIH TLV
2-BUTOXYETHANOL	15 - 20	111-76-2	50 PPM TWA	20 PPM TWA
PROPANE	3 - 5	74-98-6	1000 PPM TWA	1000 PPM TWA
N-BUTANE	1 - 3	106-97-8	NOT ESTABLISHED	1000 PPM TWA

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SECTION IV FIRST AID MEASURES

- SKIN CONTACT:** Wash skin with soap and warm water. Remove contaminated clothing and wash.
- EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.
- INGESTION:** If swallowed, rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If vomiting occurs naturally, lean forward to reduce the risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
- INHALATION:** Move to fresh air. If symptoms persist, get medical attention.

SECTION V FIRE FIGHTING MEASURES

- FLASH POINT:** Heat may cause the containers to explode. Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.
- EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog
- SPECIAL PROCEDURES:** Containers can build up pressure if exposed to heat (fire). As in fire, wear a self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Keep containers and surroundings cool with water spray. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For massive fire, use unmanned hose holders or monitor nozzles, if this is impossible, withdraw from area and let the fire burn.

SECTION VI ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Should not be released into the environment. For small spills, wipe with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

SECTION VII HANDLING & STORAGE

- HANDLING:** Pressurized container: Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight. Do not smoke while using use or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not re-use empty containers. Avoid breathing dust/fumes/gas/mist/vapors/spray. Avoid contact with eyes or skin. Wear personal protective equipment. Avoid prolonged exposure.
- STORAGE:** Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat, sparks, and flame. Avoid exposure to long periods of sunlight. Store in a well ventilated place. Keep away from food, drink and animals feeding. Do not store, incinerate, or heat material above 120 F. Level 1 Aerosol (NFPA 30B)

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SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION



RESPIRATORY PROTECTION: When workers are facing concentrations above the exposure limit they must use a respiratory that meets OSHA 1910.134 and ANSI Z88.2 requirements. If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

SKIN PROTECTION: Wear appropriate chemical resistant gloves and personal protective equipment.

EYE PROTECTION: Wear safety chemical goggles when using this product.

SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE:	219.2 F (103.9 C)	pH:	11 - 12
FREEZING POINT:	not determined	SPECIFIC GRAVITY:	0.9314
VAPOR PRESSURE:	70 - 80 @ 70 F	APPEARANCE:	liquefied gas
SOLUBILITY IN WATER:	completely	ODOR:	butyl
FLAMMABILITY:	8.06 kJ/g	FLASHPOINT:	-156 F (-104.4C)
PHYSICAL STATE:	liquid		

SECTION X STABILITY AND REACTIVITY DATA

CONDITIONS TO AVOID: AVOID FLAMES, HEAT, AND SPARKS.

HAZARDOUS DECOMPOSITION: May include oxides of nitrogen

CHEMICAL STABILITY: Risk of ignition. Stable at normal conditions.

SECTION XI TOXICOLOGICAL INFORMATION

CHEMICAL NAME:	LD50 (oral)	LC50 (inhalation)
2-BUTOXYETHANOL	470 MG/KG/RAT	2.21 MG/L/ 4HRAT
PROPANE	NOT ESTABLISHED	658 MG/L/4HRAT
N-BUTANE	NOT ESTABLISHED	658 MG/L/4HRAT

SECTION XII ECOLOGICAL INFORMATION

Components of this product have been identified as having potential environmental concerns.



ECOLOGICAL INFORMATION: LC50 6215 MG/L, fish, 96 Hours
EC50 40960 MG/L, Daphnia, 48 Hours

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SECTION XIII DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations. D001: Waste Flammable material with a flash point < 140 F. Contents under pressure.

SECTION XIV TRANSPORT INFORMATION

	DOT Requirements	IMDG	IATA
PROPER SHIPPING NAME:	CONSUMER COMMODITY	Aerosols	Aerosol, flammable
UN/NA NUMBER:		1950	1950
HAZARD CLASS:	Limited Quantity	2.1	2.1
PACKING GROUP:	156, 306	ltd qty	ltd qty
PLACARD/LABELS REQUIRED:		none	2.1

SECTION XV REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS AS FOLLOWS:

OSHA: Hazardous by definition of Hazard Communication Standard (29CFR 1910.1200)

CERCLA/SARA Section 313 - Emission Reporting This product contains the following substances subject to the reporting requirements of Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372:

2-Butoxyethanol - 1.0% de minis concentration (applies to R-(OCH2CH2)n-OR, where n=1, 2, or 3, R=alkyl, C7 or less, or R=phenyl or alkyl substituted phenyl, R'=H or alkyl C7 or less, or consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate, Chemical Category N230)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD - FIRE HAZARD - PRESSURIZED GAS HAZARD

Inventory Status: Country - United States & Puerto Rico

All components of this product comply with the inventory requirements by Toxic Substances Control Act (TSCA).

US Pennsylvania (Right to Know)

N-BUTANE	106-97-8	present
PROPANE	74-98-6	present
2-Butoxyethanol	112-34-5	present
Ethyl Alcohol	64-17-5	present

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SECTION XVI OTHER INFORMATION

HMIS:

Health = 2; Flammability = 2; Reactivity = 0

DISCLAIMER

The information herein has been from sources believed to be accurate, reliable and up to date to the best of our our knowledge. However, we cannot give any guarantees regarding information from other sources and do not make any warranties nor assume any liability from its use or misuse.

End of SDS