

SAFETY DATA SHEET

SECTION I IDENTIFICATION

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

Pg. 1/10
Version 3
7/1/2015

Meets GHS requirements

SUPPLIER: CUL-MAC INDUSTRIES, INC.
ADDRESS: 3720 S. VENNOY
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

PHYSICAL HAZARDS:	Flammable aerosols	Category 1
HEALTH HAZARDS:	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
ENVIRONMENTAL HAZARDS:	Hazardous to the aquatic environment, acute hazard	Category 3
OSHA DEFINED HAZARDS:	Not Classified	



DANGER

HAZARD STATEMENT: Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation.

PRECAUTIONARY STATEMENT:

PREVENTION: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Wear eye/face protection. Wear protective gloves.

RESPONSE: If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see this label). If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

STORAGE: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

DISPOSAL: Dispose of waste and residues in accordance with local authority requirements.

HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC): None known

SUPPLEMENTAL INFORMATION: None

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

Pg. 2/10
Version 3
7/1/2015

Meets GHS requirements

SECTION III COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME:	CAS NUMBER:	%
2-Butoxyethanol	111-76-2	2.5 - 10
Butane	106-97-8	2.5 - 10
Diethylene Glycol Monobutyl Ether	112-34-5	2.5 - 10
Propane	74-98-6	1 - 2.5
Other components below reportable levels		60 - 80

SECTION IV FIRST AID MEASURES

INHALATION: Move to fresh air. Call a physician if symptoms develop or persist.

SKIN CONTACT: Take off immediately all contaminated clothing. Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash clothing separately before reuse.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

INGESTION: Rinse mouth. Get medical attention if symptoms occur.

**MOST IMPORTANT SYMPTOMS/
EFFECTS, ACUTE & DELAYED:** Skin irritation. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision

**INDICATION OF IMMEDIATE
MEDICAL ATTENTION AND SPECIAL
TREATMENT NEEDED:** Treat symptomatically

GENERAL INFORMATION: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves

SECTION V FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water fog. Foam. Dry chemical powder. Carbon dioxide

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

**SPECIFIC HAZARDS ARISING
FROM THE CHEMICAL:** Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

**SPECIAL PROTECTIVE EQUIPMENT &
PRECAUTIONS FOR FIREFIGHTERS:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**FIRE-FIGHTING EQUIPMENT/
INSTRUCTIONS:** Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

GENERAL FIRE HAZARDS: Extremely flammable aerosol

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

Pg. 3/10
Version 3
7/1/2015

Meets GHS requirements

SECTION VI ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS,
PROTECTIVE EQUIPMENT &
EMERGENCY PROCEDURES:**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

**METHODS & MATERIALS FOR
CONTAINMENT & CLEANING UP:**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see Section 13 of the SDS.

ENVIRONMENTAL PRECAUTIONS:

Avoid discharge into drains, water courses or onto the ground.

SECTION VII HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Do not handle or store near an open flame, heat or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion proof equipment. Do not spray on a naked flame or any other incandescent material. Use only in well-ventilated areas. Provide adequate ventilation. Avoid breathing dust/fume/gas/vapors/spray. Avoid contact with skin, eyes and clothing. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not re-use empty containers. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**CONDITIONS FOR SAFE STORAGE,
INCLUDING ANY INCOMPATIBILITIES:**

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Keep away from heat, sparks and open flame. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Level 1 Aerosol.

SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

COMPONENTS:	TYPE:	VALUE:
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m3 50 ppm
Propane (CAS 74-98-6)	PEL	1,800 mg/m3 1,000 ppm

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

Pg. 4/10
 Version 3
 7/1/2015

Meets GHS requirements

SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION CONTINUED

US. ACGIH Threshold Limit Values

COMPONENTS:	TYPE:	VALUE:
2-Butoxyethanol (CAS 111-76-2)	TWA	20 ppm
Butane (CAS 106-97-8)	STEL	1,000 ppm
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)	TWA	10 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

COMPONENTS:	TYPE:	VALUE:
2-Butoxyethanol (CAS 111-76-2)	TWA	24 mg/m3 5 ppm
Butane (CAS 106-97-8)	STEL	1,900 mg/m3 800 ppm
Propane (CAS 74-98-6)	TWA	1,800 mg/m3 1,000 ppm

BIOLOGICAL LIMIT VALUES:

ACGIH Biological Exposure Indices

COMPONENTS:	VALUE:	DETERMINANT:	SPECIMEN:
2-Butoxyethanol (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatine in urine

EXPOSURE GUIDELINES:

US - California OELs: Skin Designation	<i>2-Butoxyethanol (CAS 111-76-2)</i>	Can be absorbed through skin
US - Minnesota Haz. Subs: Skin Designation Applies	<i>2-Butoxyethanol (CAS 111-76-2)</i>	Skin designation applies
US - Tennessee OELs: Skin Designation	<i>2-Butoxyethanol (CAS 111-76-2)</i>	Can be absorbed through skin
US NIOSH Pocket Guide to Chemical Hazards: Skin Designation:	<i>2-Butoxyethanol (CAS 111-76-2)</i>	Can be absorbed through skin
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):	<i>2-Butoxyethanol (CAS 111-76-2)</i>	Can be absorbed through skin

APPROPRIATE ENGINEERING CONTROLS:

Explosion-proof general and local exhaust ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EYE/FACE PROTECTION:

Wear safety glasses with side shields (or goggles)

HAND PROTECTION:

Wear protective gloves

SKIN PROTECTION (OTHER):

Wear appropriate chemical resistant clothing

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

Pg. 5/10
Version 3
7/1/2015

Meets GHS requirements

SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION CONTINUED

RESPIRATORY PROTECTION: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

THERMAL HAZARDS: Wear appropriate thermal protective clothing, when necessary

GENERAL HYGIENE CONSIDERATIONS When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE:	Clear	VAPOR PRESSURE:	50 - 60 psig @ 70°F
PHYSICAL STATE:	Gas	VAPOR DENSITY:	N/AV
FORM:	Aerosol	RELATIVE DENSITY:	N/AV
COLOR:	Colorless	SOLUBILITY (Water):	N/AV
ODOR:	Butyl	PARTITION COEFFICIENT	N/AV
ODOR THRESHOLD:	N/AV	(n-Octanol/Water):	
pH:	11 - 12.5 (estimated)	AUTO-IGNITION TEMPERATURE:	446°F (estimated)
MELTING POINT/FREEZING POINT:	N/AV	DECOMPOSITION TEMPERATURE:	N/AV
INITIAL BOILING POINT:	222.87°F (estimated)	VISCOSITY:	N/AV
FLASH POINT:	-156.0°F (propellant est.)	SPECIFIC GRAVITY:	0.99 - 1 (estimated)
EVAPORATION RATE:	N/AV		
FLAMMABILITY (SOILD, GAS):	N/AV		
FLAMMABILITY LIMIT - LOWER %:	N/AV		
FLAMMABILITY LIMIT - UPPER %:	N/AV		
EXPLOSIVE LIMIT - LOWER %:	N/AV		
EXPLOSIVE LIMIT - UPPER %:	N/AV		

SECTION X STABILITY AND REACTIVITY DATA

REACTIVITY: The product is stable and non-reactive under normal conditions of use, storage & transport

CHEMICAL STABILITY: Material is stable under normal conditions

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.

CONDITIONS TO AVOID: Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. Fire or intense heat may cause violent rupture of packages.

INCOMPATIBLE MATERIALS: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: No hazardous decomposition products are known

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

Pg. 6/10
 Version 3
 7/1/2015

Meets GHS requirements

SECTION XI TOXICOLOGICAL INFORMATION

INGESTION: Expected to be a low ingestion hazard
INHALATION: No adverse effects due to inhalation are expected
SKIN CONTACT: Causes skin irritation
EYE CONTACT: Causes serious eye irritation

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL & TOXICOLOGICAL CHARACTERISTICS: Skin irritation. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision

ACUTE TOXICITY: Expected to be a low hazard for usual industrial or commercial handling by trained personnel

COMPONENTS:	SPECIES:	TEST RESULTS:
2-Butoxyethanol (CAS 111-76-2) <i>Acute - Dermal - LD 50</i> <i>Acute - Inhalation - LC 50</i> <i>Acute - Oral - LD 100</i> <i>Acute - Oral - LD 50</i>	Guinea Pig	230 mL/kg, 24 Hours 7.3 mL/kg, 4 Days
	Rabbit	450 mL/kg, 24 Hours 435 mg/kg, 24 Hours
	Rat	0.63 mL/kg > 2,000 mg/kg, 24 Hours
	Rabbit	400 ppm, 7 Hours
	Rat	450 ppm, 4 Hours
	Rabbit	695 mg/kg
	Dog	> 695 mg/kg
	Guinea Pig	1,200 mg/kg
Rat	530 - 2,800 mg/kg	
Butane (CAS 106-97-8) <i>Acute - Inhalation - LC 50</i>	Mouse	1,237 mg/L, 120 Minutes 52%, 120 Minutes
	Rat	1,355 mg/L
Diethylene Glycol Monobutyl Ether (CAS 112-34-5) <i>Acute - Dermal - LD 50</i> <i>Acute - Oral - LD 100</i> <i>Acute - Oral - LD 50</i>	Guinea Pig	2 mL/kg, 2 Days
	Rabbit	2,764 mg/kg, 24 Hours
	Rabbit	4,000 mg/kg
	Guinea Pig	2,000 mg/kg
	Mouse	2,410 mg/kg
	Rabbit	2,500 - 3,000 mg/kg
	Rat	3,306 mg/kg

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

Pg. 7/10
 Version 3
 7/1/2015

Meets GHS requirements

SECTION XI TOXICOLOGICAL INFORMATION CONTINUED

COMPONENTS:	SPECIES:	TEST RESULTS:
Propane (CAS 74-98-6) Acute - Inhalation - LC 50	Mouse	1,237 mg/L, 120 Minutes
		52%, 120 Minutes
	Rat	1,355 mg/L
		658 mg/L/4 Hours

SKIN CORROSION/IRRITATION: Causes skin irritation
SERIOUS EYE DAMAGE/EYE IRRITATION: Causes serious eye irritation
RESPIRATORY SENSITIZATION: Not a respiratory sensitizer
SKIN SENSITIZATION: This product is not expected to cause skin sensitization
GERM CELL MUTAGENICITY: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
CARCINOGENICITY: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

IARC Monographs. Overall Evaluation of Carcinogenicity

2-Butoxyethanol (CAS 111-76-2): 3 Not classifiable as to carcinogenicity to humans

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not Listed

REPRODUCTIVE TOXICITY: This product is not expected to cause reproductive or developmental effects.

SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE: Not Classified

SPECIFIC TARGET ORGAN TOXICITY REPEATED EXPOSURE: Not Classified

ASPIRATION HAZARD: Not an aspiration hazard.

SECTION XII ECOLOGICAL INFORMATION

ECOTOXICITY: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

PRODUCT:	SPECIES:	TEST RESULTS:
Aquatic - Crustacea - EC 50	Daphnia	16,680.9902 mg/L, 48 Hours (estimated)
Aquatic - Fish - LC 50	Fish	8,063.4834 mg/L, 96 Hours (estimated)

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

Pg. 8/10
Version 3
7/1/2015

Meets GHS requirements

SECTION XII ECOLOGICAL INFORMATION CONTINUED

COMPONENTS:	SPECIES:	TEST RESULTS:
2-Butoxyethanol (CAS 111-76-2) <i>Aquatic - Fish - LC 50</i>	Inland Silverside (Menidia Beryllina)	1,250 mg/L, 96 Hours
Diethylene Glycol Monobutyl Ether (CAS 112-34-5) <i>Aquatic - Fish - LC 50</i>	Bluegill (Lepomis Macrochirus)	1,300 mg/L, 96 Hours

PERSISTENCE & DEGRADABILITY: N/AV
BIOACCUMULATIVE POTENTIAL: N/AV

Partition Coefficient n-octanol/water (log Kow)

2-Butoxyethanol	0.83
Butane	2.89
Diethylene Glycol Monobutyl Ether	0.56
Propane	2.36

MOBILITY IN SOIL: N/AV
OTHER ADVERSE EFFECTS: N/AV

SECTION XIII DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS: Collect and reclaim or dispose in sealed containers at licensed waste disposal site

HAZARDOUS WASTE CODE: The waste code should be assigned in discussion between the user, the producer and the waste disposal company

**WASTE FROM RESIDUES/
UNUSED PRODUCTS:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
(see: Disposal Instructions)

CONTAMINATED PACKAGING: Since emptied containers may retain product residue, follow label warning even after container is emptied

SECTION XIV TRANSPORT INFORMATION

DOT

UN NUMBER: UN 1950
UN PROPER SHIPPING NAME: Aerosols, flammable
TRANSPORT HAZARD CLASS(ES):
CLASS: 2.1
SUBSIDIARY RISK: -
LABEL(S): 2.1
PACKING GROUP: N/AP

SPECIAL PRECAUTIONS FOR USER: Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling



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

Pg. 9/10
Version 3
7/1/2015

Meets GHS requirements

SECTION XIV TRANSPORT INFORMATION CONTINUED

SPECIAL PROVISIONS: N82
PACKAGING EXCEPTIONS: 306
PACKAGING NON BULK: None
PACKAGING BULK: None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/2020 and may be used now in place of the "Consumer Commodity - ORM-D" marking and both may be displayed concurrently.

IATA

UN NUMBER: UN 1950
UN PROPER SHIPPING NAME: Aerosols, flammable
TRANSPORT HAZARD CLASS(ES):
CLASS: 2.1
SUBSIDIARY RISK: -
LABEL(S): 2.1
PACKING GROUP: N/AP
ENVIRONMENTAL HAZARD: No
ERG CODE: 10L
SPECIAL PRECAUTIONS FOR USER: Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling
PASSENGER & CARGO AIRCRAFT: Allowed
CARGO AIRCRAFT ONLY: Allowed
PACKAGING EXCEPTIONS: Limited Quantity



SECTION XV REGULATORY INFORMATION

US FEDERAL REGULATIONS: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

TSCA Section 12(b) Export Notification (40 CFR 707, Subpart D) Not Regulated
CERCLA Hazardous Substance List (40 CFR 302.4) Not Listed
SARA 304 Emergency Release Notification Not Regulated
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not Listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

HAZARD CATEGORIES:
Immediate Hazard Yes
Delayed Hazard No
Fire Hazard Yes
Pressure Hazard No
Reactivity Hazard No

SARA 302 Extremely Hazardous Substance Not Listed
SARA 311/312 Hazardous Chemical No

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

Pg. 10/10
Version 3
7/1/2015

Meets GHS requirements

SECTION XV REGULATORY INFORMATION CONTINUED

SARA 313 (TRI Reporting)

Not Regulated

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not Regulated

Clean Air Act (CAA) Section 112[r] Accidental Release Prevention (40 CFR 68.130)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA)

Not Regulated

US. Massachusetts RTK - Substance List

2-Butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-To-Know Act

2-Butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-To-Know Law

2-Butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. Rhode Island RTK

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. California Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

INTERNATIONAL INVENTORIES

COUNTRY(S) or REGION:	INVENTORY NAME:	ON INVENTORY:
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substance (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
US and Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

SECTION XVI OTHER INFORMATION

DISCLAIMER

The information herein has been from sources believed to be accurate, reliable and up to date to the best of 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