

SAFETY DATA SHEET

SECTION I IDENTIFICATION

PRODUCT NAME: **SERVICE PRO ORGANIC ALL PURPOSE CLEANER**
PRODUCT CODE: P/N: SP0985AI

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Version 3
6/18/2015

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

Physical Hazards:	Flammable Aerosols	Category 1
Health Hazards:	Sensitization, Skin	Category 1
Environmental Hazards:	Hazardous to the Aquatic Environment, Acute Hazard	Category 2
	Hazardous to the Aquatic Environment, Long-Term Hazard	Category 2
OSHA Defined Hazards:	Not Classified	



DANGER

Hazard Statement: Extremely flammable aerosol. May cause an allergic skin reaction

Prevention Statement: 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. Avoid breathing gas. Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.

Response Statement: If on skin: Wash with plenty of water. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage.

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

Disposal Statement: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) Not Otherwise Classified (HNOC): None Known
Supplemental Information: None

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SECTION III COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL:	% by wt.	CAS #	OSHA PEL	ACGIH TLV
CITRUS TERPENES	2.5 - 10	94266-47-4	not established	not established
PROPANE	2.5 - 10	74-98-6	1000 PPM TWA	1000 PPM TWA
BUTANE	1 - 2.5	106-97-8	not established	800 PPM TWA
OTHER COMPONENTS BELOW REPORTABLE LEVELS			90 - 100	

SECTION IV FIRST AID MEASURES

INHALATION: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center immediately. Call a physician if symptoms develop or persist.

SKIN CONTACT: In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

EYE CONTACT: Rinse with water. Get medical attention if irritation develops and persists.

INGESTION: In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

**MOST IMPORTANT SYMPTOMS/
EFFECTS, ACUTE & DELAYED:** Dermatitis. Rash. May cause an allergic skin reaction.

**INDICATION OF IMMEDIATE
MEDICAL ATTENTION & SPECIAL
TREATMENT NEEDED:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

GENERAL INFORMATION: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

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 it will spread the fire.

**SPECIFIC HAZARDS ARISING
FROM THE CHEMICAL:** Contents under pressure. Pressurized container may explode when exposed to heat or flame.

**SPECIAL PROTECTIVE EQUIPMENT &
PRECAUTIONS FOR FIREFIGHTERS:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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SECTION V FIRE FIGHTING MEASURES CONTINUED

**FIRE-FIGHTING EQUIPMENT/
INSTRUCTIONS:**

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

SPECIFIC METHODS:

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

GENERAL FIRE HAZARDS:

Extremely flammable aerosol.

SECTION VI ACCIDENTAL RELEASE MEASURES

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

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. 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. For personal protection, see Section 8 of the SDS

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

Refer to attached safety data sheets and/or instructions for use. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Scoop up used absorbent into drums or other appropriate container. For waste disposal, see section 13 of the SDS. This material and its container must be disposed of as hazardous waste.

ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

SECTION VII HANDLING & STORAGE

**PRECAUTIONS FOR SAFE
HANDLING:**

Eliminate all sources of ignition. Will ignite if exposed to intensive heat or open air. Vapors may form explosive mixtures with air. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Do not use in areas without adequate ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

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SECTION VII HANDLING & STORAGE

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

Level 1 Aerosol

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in original tightly closed container. Store in a well-ventilated place. Refrigeration recommended. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS). Level 1 Aerosol (NFPA 30B)

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:
Propane (CAS 74-98-6)	PEL	1800 mg/m ³ 1000 ppm

US. ACGIH Threshold Limit Values

COMPONENTS:	TYPE:	VALUE:
Butane (CAS 106-97-8)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

COMPONENTS:	TYPE:	VALUE:
Butane (CAS 106-97-8)	TWA	1900 mg/m ³ 800 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m ³ 1000 ppm

BIOLOGICAL LIMIT VALUES:

No biological exposure limits noted for the ingredient(s).

**APPROPRIATE ENGINEERING
CONTROLS:**

Ensure adequate ventilation, especially in confined areas.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION:

Face shield is recommended. Wear safety glasses with side shields (or goggles).

HAND PROTECTION:

Wear appropriate chemical resistant gloves.

SKIN PROTECTION (OTHER):

Avoid contact with the skin. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

RESPIRATORY PROTECTION:

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator

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SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION CONTINUED

THERMAL HAZARDS: Wear appropriate thermal protective clothing, when necessary.

GENERAL HYGIENE CONSIDERATIONS: When using do not smoke. Avoid contact with eyes. Avoid contact with skin. 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. Contaminated work clothing should not be allowed out of the workplace.

SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS

PHYSICAL STATE:	Gas	VAPOR PRESSURE:	25.58 psig @ 70°F
FORM:	Aerosol	VAPOR DENSITY:	N/AV
COLOR:	N/AV	RELATIVE DENSITY:	N/AV
ODOR:	N/AV	SOLUBILITY (WATER):	N/AV
ODOR THRESHOLD:	N/AV	PARTITION COEFFICIENT (N-OCTANOL/WATER):	N/AV
pH:	N/AV	AUTO-IGNITION TEMPERATURE:	N/AV
MELTING POINT/FREEZING POINT:	N/AV	DECOMPOSITION TEMPERATURE:	N/AV
INITIAL BOILING POINT:	212°F (estimated)	VISCOSITY:	N/AV
FLASH POINT:	-156.0°F (propellant estimated)	SPECIFIC GRAVITY:	0.95 (estimated)
EVAPORATION RATE:	N/AV		
FLAMMABILITY (solid, gas):	N/AV		
FLAMMABILITY LIMIT - LOWER %:	1.9% (estimated)		
FLAMMABILITY LIMIT - UPPER %:	9.5% (estimated)		
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 in use, storage and transport.

CHEMICAL STABILITY: Risk of ignition

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization does not occur.

CONDITIONS TO AVOID: Exposure to air. Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

INCOMPATIBLE MATERIALS: Oxygen

HAZARDOUS DECOMPOSITION PRODUCTS: No hazardous decomposition products are known.

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SECTION XI TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

INGESTION: Expected to be a low ingestion hazard
INHALATION: No adverse effects due to inhalation are expected
SKIN CONTACT: May cause an allergic skin reaction
EYE CONTACT: Direct contact with eyes may cause temporary irritation

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS
Dermatitis. Rash. Direct contact with eyes may cause temporary irritation.
May cause an allergic skin reaction.

ACUTE TOXICITY: May cause an allergic skin reaction. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

PRODUCT:	SPECIES:	TEST RESULTS:
<i>Acute - Dermal - LD 50</i>	Rat	41,361 mg/kg
<i>Acute - Inhalation - LC 50</i>	Rat	13,160 mg/L/4 hours
COMPONENT:	SPECIES:	TEST RESULTS:
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
Propane (CAS 74-98-6) <i>Acute - Inhalation - LC 50</i>	Mouse	1,237 mg/L, 120 minutes 52%, 120 minutes
	Rat	1,355 mg/L 658 mg/L/4 hours

SKIN CORROSION/IRRITATION: Not applicable. Prolonged skin contact may cause temporary irritation.

SERIOUS EYE DAMAGE / EYE IRRITATION: Direct contact with eyes may cause temporary irritation

RESPIRATORY SENSITIZATION: N/AV

SKIN SENSITIZATION: May cause an allergic skin reaction

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

OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050): Not Classified

SPECIFIC TARGET ORGAN TOXOCITY - SINGLE EXPOSURE: Not Classified

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SECTION XI TOXICOLOGICAL INFORMATION CONTINUED

SPECIFIC TARGET ORGAN TOXOCITY - REPEATED EXPOSURE: Not Classified

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

ASPIRATION HAZARD: Not likely, due to the form of the product.

SECTION XII ECOLOGICAL INFORMATION

ECOTOXICITY: Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.

PRODUCT:	SPECIES:	TEST RESULTS:
Aquatic - Crustacea - EC 50	Daphnia	8,421 mg/L, 48 Hours
Aquatic - Fish - LC 50	Fish	4,337 mg/L, 96 Hours

PERSISTANCE & DEGRADABILITY: No data is available on the degradability of this product.

BIOACCUMULATIVE POTENTIAL: No data available

PARTITION COEFFICIENT N-OCTANOL/WATER (log Kow)

Butane	2.89
Propane	2.36

MOBILITY IN SOIL: No data available

OTHER ADVERSE EFFECTS: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component

SECTION XIII DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS: Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations

LOCAL DISPOSAL REGULATIONS: Dispose in accordance with all applicable regulations

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)

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SECTION XIII DISPOSAL CONSIDERATIONS CONTINUED

CONTAMINATED PACKAGING: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

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 & emergency procedures before handling.
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 HAZARDS:	Yes
ERG CODE:	10L
SPECIAL PRECAUTIONS FOR USER:	Read safety instructions, SDS & emergency procedures before handling.
PASSENGER & CARGO AIRCRAFT:	Allowed
CARGO AIRCRAFT ONLY:	Allowed
PACKAGING EXCEPTIONS:	Limited Quantity



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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. All components are on the U.S. EPA TSCA Inventory List. CERCLA/SARA Hazardous Substances - Not Applicable

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 CATAGORIES:

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

SARA 302 Extremely Hazardous Substance: Not Listed
SARA 311/312 Hazardous Chemical: No
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 STATE REGULATIONS: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm

US. Massachusetts RTK - Substance List: Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-To-Know Act: Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-To-Know Law: 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: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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SECTION XV REGULATORY INFORMATION CONTINUED

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