

# SAFETY DATA SHEET

## SECTION I IDENTIFICATION

PRODUCT NAME: SERVICE PRO AEROSOL ALL PURPOSE CLEANER  
PRODUCT CODE: 0174-12 P/N SP6082AI

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

Meets GHS requirements

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. Irritating to eyes and skin.  
**Intentional misuse by inhaling the product can be harmful or fatal.**

### ROUTES OF ENTRY:

Skin, Eyes, Ingestion, Inhalation

### WARNING:

#### HEALTH HAZARDS: (acute & chronic)

**SKIN** - Prolonged exposure is not likely to cause significant skin irritation. Repeated exposure may cause irritation and possibly a burn.  
**EYE** - May cause pain disproportionate to the level of irritation to eye tissue. May cause moderate eye irritation which may be slow to heal. May cause slight corneal injury. Vapor may cause eye irritation experienced as mild discomfort and redness.  
**INHALATION** - Intentional misuse by inhaling the product can be harmful or fatal.  
**INGESTION** - Exposure by ingestion of an aerosol is unlikely. Moderately toxic if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury. Large amount may cause injury.

### 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            | 1-10     | 111-76-2   | 25 PPM TWA  | 25 PPM TWA   |
| PROPANE/ISOBUTANE/N-BUTANE | 1-10     | 68476-86-8 | 800 PPM TWA | 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. Get medical attention if irritation develops.
- 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, call a physician or poison control center immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person
- INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

#### SECTION V FIRE FIGHTING MEASURES

- FLASH POINT:** NO FLAME EXTENSION OR FLASHBACK  
*LOWER EXPLOSIVE LIMIT 1.1%*  
*UPPER EXPLOSIVE LIMIT: 10.6%*
- EXTINGUISHING MEDIA:** Alcohol Foam, Carbon Dioxide, Dry Chemical, 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.
- UNUSUAL HAZARDS:** "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Contents under pressure. Containers may explode if exposed to high temperature.

#### 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:** AEROSOL LEVEL:1  
Wash thoroughly after handling. Ensure all equipment is electrically grounded before beginning transfer operations. Use only in well-ventilated area.
- STORAGE:** Keep away from heat, sparks and flame. Keep from freezing. DO NOT STORE IN ALUMINUM, FIBERGLASS, COPPER, BRASS, ZINC, OR GALVANIZED CONTAINERS Do not store above 120° F (49°C). Do not spray into open flame or near other sources of ignition. Do not store in direct sunlight, puncture, crush or incinerate container.

**SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION**



**VENTILATION:**



Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLV during the use of this product.

**RESPIRATORY PROTECTION:**

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**GLOVES:**

Impervious gloves should be used, nitrile gloves are recommended.

**EYE PROTECTION:**

Wear safety glasses with side shields or goggles when using this product.

**PROTECTIVE CLOTHING:**

Standard industrial clothing should be worn

**HYGIENIC PRACTICES:**

Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after the container is empty since they may retain product residues. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid prolonged or repeated contact with skin. Avoid contact with skin, eyes, and clothing.

**SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS**

|                                 |             |                          |             |
|---------------------------------|-------------|--------------------------|-------------|
| <b>BOILING RANGE:</b>           | -12 - 340°F | <b>pH @ 100%:</b>        | 11.0 - 12.0 |
| <b>FREEZING POINT:</b>          | N/A         | <b>SPECIFIC GRAVITY:</b> | 0.9517      |
| <b>VAPOR PRESSURE:</b>          | N/A         | <b>APPEARANCE:</b>       | Hazy        |
| <b>VAPOR DENSITY (AIR = 1):</b> | > 1         | <b>ODOR:</b>             | Pine        |
| <b>SOLUBILITY IN WATER:</b>     | Miscible    | <b>VOC, % (wt):</b>      | 9.64%       |
| <b>EVAPORATION RATE:</b>        | < 1         |                          |             |
| <b>(BUTYL ACETATE = 1)</b>      |             |                          |             |

**SECTION X STABILITY AND REACTIVITY DATA**

**CONDITIONS TO AVOID:**

Contact with strong oxidizing agents should be avoided.  
Avoid all sources of ignition, welding arcs, open flames, and temperatures above 120°F.  
Do not crush, puncture or incinerate container, and do not store in direct sunlight.

**INCOMPATIBILITY:**

N/A

**HAZARDOUS DECOMPOSITION:**

Oxides of carbon, aldehydes, hydrocarbons, oxides of citrus terpenes, acrid fumes, smoke and ketones.

**HAZARDOUS POLYMERIZATION:**

Will not occur under normal conditions.

**STABILITY:**

This product is stable under normal storage conditions.

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**SECTION XI TOXICOLOGICAL INFORMATION**

PRODUCT LD50: 470 mg/kg  
PRODUCT LC50: 2900 ppm

| CHEMICAL NAME:             | LD50            | LC50               |
|----------------------------|-----------------|--------------------|
| 2-BUTOXYETHANOL            | 470 MG/KG/RAT   | 2900 MG/M3/7H/RAT  |
| PROPANE/ISOBUTANE/N-BUTANE | NOT ESTABLISHED | 658000 MG/M3/4HRAT |

**SECTION XII ECOLOGICAL INFORMATION**



ECOLOGICAL INFORMATION: Expected to be moderately toxic to aquatic organisms on an acute basis.

**SECTION XIII DISPOSAL CONSIDERATIONS**

DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

**SECTION XIV TRANSPORT INFORMATION**

PROPER SHIPPING NAME: CONSUMER COMMODITY

UN/NA NUMBER:  
HAZARD CLASS: Limited Quantity  
PACKING GROUP:  
REPORTABLE QUANTITY:  
EMERGENCY RESPONSE GUIDEBOOK:  
PLACARD/LABELS REQUIRED:

**SECTION XV REGULATORY INFORMATION**

U.S. FEDERAL REGULATIONS: AS FOLLOWS:

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

**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 - CHRONIC HEALTH HAZARD - FIRE HAZARD - PRESSURIZED GAS HAZARD*

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372:

| CHEMICAL NAME:  | CAS NUMBER | WT/WT % IS LESS THAN |
|-----------------|------------|----------------------|
| 2-BUTOXYETHANOL | 111-76-2   | 1 - 10               |

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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 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**