

# SAFETY DATA SHEET

## SECTION I IDENTIFICATION

PRODUCT NAME:	<b>SERVICE PRO HEAVY DUTY DEGREASER</b>	Pg. 1/5
PRODUCT CODE:	Fluid 2-5624 P/N: 5624AI-5625AI-5626AI	Version 6
CHEMICAL FAMILY:	ALKALINE LIQUID CLEANER	4/27/2015
		Meets GHS requirements

SUPPLIER: CUL-MAC INDUSTRIES, INC.	MANUFACTURED FOR: AIOD	ADDRESS: PO BOX 1861
ADDRESS: 3720 S. VENOY	ADDRESS: MONTROSE, CO 81402	PHONE: (800) 313-2463
WAYNE, MI 48184	PHONE: (866) 214-4235 (3E COMPANY)	EMERGENCY PHONE: (866) 214-4235 (3E COMPANY)
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## SECTION II HAZARD IDENTIFICATION



### ROUTES OF ENTRY:

Skin, Eyes, Ingestion, Inhalation

### DANGER:

#### HEALTH HAZARD STATEMENTS:

**H302:**  
**H312:**  
**H318:**  
**H333:**

Harmful if Swallowed  
Harmful in Contact with Skin  
Causes Serious Eye Damage  
May be Harmful if Inhaled

#### PREVENTION PRECAUTIONARY STATEMENTS:

**P264:**  
**P270:**  
**P280:**

Wash Hands Thoroughly After Handling  
Do Not Eat, Drink or Smoke When Using This Product  
Wear Protective Gloves/Eye Protection/Face Protection

#### RESPONSE PRECAUTIONARY STATEMENTS:

**P301+P312:**  
**P330:**  
**P302+P352:**  
**P312:**  
**P322:**  
**P363:**  
**P305+P351+P338:**  
  
**P310:**  
**P304+P312:**

IF SWALLOWED: Call a POISON CENTER or Doctor if you Feel Unwell  
Rinse Mouth  
IF ON SKIN: Wash with Plenty of Soap and Water  
Call a POISON CENTER or Doctor if you Feel Unwell  
See Specific Treatment on this Label  
Wash Contaminated Clothing Before Reuse  
IF IN EYES: Rinse Cautiously with Water for Several Minutes. Remove Contact Lenses, if Present and Easy to do so. Continue Rinsing.  
Immediately Call a POISON CENTER or Doctor  
IF INHALED: Call a POISON CENTER or Doctor if you Feel Unwell

#### DISPOSAL PRECAUTIONARY STATEMENTS:

**P501:**

Dispose of Contents/Container in Accordance with Local/State/Federal/International Regulations

#### CARCINOGENICITY:

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH.

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Pg. 2/5  
Version 6  
4/27/2015  
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### SECTION III COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL:	% by wt.	CAS #	OSHA PEL	ACGIH TLV
Sodium Hydroxide	1 - 5	1310-73-2	2mg/m3 (ceiling)	2mg/m3 (ceiling)
2-butoxyethanol	1 - 5	111-76-2	50 ppm	20 ppm

### SECTION IV FIRST AID MEASURES

**SKIN CONTACT:** Remove contaminated clothing and immediately rinse skin with copious quantities of water for a minimum of 15 minutes. Wash clothes before reuse.  
Seek medical attention immediately, speedy action is critical.

**EYE CONTACT:** Immediately flush eyes with copious quantities of water for a minimum of 15 minutes. Hold the eyelids open. Do NOT allow victim to close or rub eyes. Remove contact lenses if necessary and possible. Urgently seek medical attention!

**INGESTION:** **DO NOT** induce vomiting. If the victim is conscious give 2 - 4 cups of milk or water. Never give anything by mouth to an unconscious person.  
Seek medical assistance immediately.

**INHALATION:** Remove to fresh air. If breathing is difficult administer an approved oxygen supply. Seek medical assistance immediately.

### SECTION V FIRE FIGHTING MEASURES

**FLASH POINT:** < 212°F

**FLAMMABILITY LIMITS:** LEL: N/AV  
UEL: N/AV

**EXTINGUISHING MEDIA:** Use alcohol resistant film, carbon dioxide, water, or dry chemical spray.  
Use water spray to cool fire exposed containers.

**SPECIAL PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSHA approved or equivalent), and full protective gear to prevent contact with skin and eyes.

### SECTION VI ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Corrosive material. Dike spilled material. Absorb with absorbent such as clay, sand, or other suitable material. Place in non-leaking container and seal tightly for proper disposal. Prevent spills from entering storm sewers or drains.

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CHEMICAL FAMILY: ALKALINE LIQUID CLEANER

Pg. 3/5  
Version 6  
4/27/2015  
Meets GHS requirements

### SECTION VII HANDLING & STORAGE

**HANDLING PROCEDURES:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Do not get in eyes, on skin or on clothing.

**STORAGE PROCEDURES:** Keep container closed when not in use. Store at room temperature in a well ventilated area. Do not store this product near alkaline materials. Do not freeze this material. Do not add other materials to this container. Do not get in eyes, on skin or on clothing. Do not allow smoking or food consumption while handling. Wash well after use.

### SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION



**VENTILATION:**

Use good general ventilation.

**RESPIRATORY PROTECTION:**

Not generally needed.

**GLOVES:**

Butyl and nitrile rubber gloves are recommended.

**EYE PROTECTION:**

Chemical splash goggles when transferring is taking place.

**CLOTHING AND FOOTWEAR:**

Not Generally Needed

### SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS

<b>BOILING POINT:</b>	~212° F	<b>pH:</b>	12.5 - 13.5
<b>FREEZING POINT:</b>	< 32° F	<b>SPECIFIC GRAVITY:</b>	1.03
<b>VAPOR PRESSURE:</b>	< 1	<b>PERCENT VOLATILE:</b>	90
<b>VAPOR DENSITY (AIR = 1):</b>	1	<b>APPEARANCE:</b>	Yellow Liquid
<b>SOLUBILITY IN WATER:</b>	Complete	<b>ODOR:</b>	Detergent
<b>EVAPORATION RATE:</b>	> 1		
<b>(BUTYL ACETATE = 1)</b>			

### SECTION X STABILITY AND REACTIVITY DATA

**STABILITY:**

Product is stable under normal conditions

**HAZARDOUS POLYMERIZATION:**

Not expected to occur

**INCOMPATIBILITY:**  
**(CONDITIONS TO AVOID)**

Reacts with acids and strong oxidizers. Keep from freezing or overheating.

**HAZARDOUS DECOMPOSITION:**

Carbon Monoxide and/or Carbon Dioxide

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Pg. 4/5  
Version 6  
4/27/2015  
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### SECTION XI TOXICOLOGICAL INFORMATION

*This Product Has Not Been Tested As A Whole*

**Sodium Hydroxide:** RTECS: CAS# 1310-73-2: WB4900000  
**CAS# 1310-73-2** LD50/LC50: Dermal, rabbit: LD50 = 1350 mg/kg  
Oral, rat: LD50 = 1350 mg/kg, 4 hours

**2-butoxyethanol:** RTECS: CAS# 111-76-2: KJ8575000  
**CAS# 111-76-2** LD50/LC50: Oral, rat: LD50 = 470 mg/kg, 4 hours  
Dermal, rabbit: LD50 = 220 mg/kg, 4 hours  
Inhalation, rat: LC50 = 450 mg/kg, 8 hours

### SECTION XII ECOLOGICAL INFORMATION

*This Product Has Not Been Tested As A Whole*

**Sodium Hydroxide:** Ecotoxicity in water (LC50): 80mg/L, 96 hours [Mosquito Fish],  
**CAS# 1310-73-2** Ecotoxicity in water (LC50): 165 mg/L, 24 hours [Guppy].

**2-butoxyethanol:** Ecotoxicity in water (LC50): >100 mg/L, 96 hours [Fish]  
**CAS# 111-76-2**

### SECTION XIII DISPOSAL CONSIDERATIONS

**GENERAL DISPOSAL CONSIDERATIONS:** Dispose in accordance with local, state, and federal laws.  
Treat the empty container as if it were full. Residue remaining in the container is still hazardous.

### SECTION XIV TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** CORROSIVE LIQUID, N.O.S.  
(Sodium Hydroxide and Potassium Hydroxide Solution)  
**UN/NA NUMBER:** UN1760  
**HAZARD CLASS:** 8  
**PACKING GROUP:** III  
**REPORTABLE QUANTITY:**  
**EMERGENCY RESPONSE GUIDEBOOK:** 154  
**PLACARD/LABELS REQUIRED:** Corrosive

### SECTION XV REGULATORY INFORMATION

**OSHA HAZARDOUS CHEMICAL:** Yes  
**SARA 302 COMPONENTS:** None  
**SARA 311/312:** Immediate (X) Delayed (X) Fire ( ) Reactive ( )  
Sudden release of Pressure ( )  
**SARA 313 COMPONENTS:** Glycol Ether EB

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Pg. 5/5  
Version 6  
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**SECTION XVI OTHER INFORMATION**

**HMIS:** Health = 2; Flammability = 0; Reactivity = 0; Personal Protection Equipment = B

**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**