

SAFETY DATA SHEET

SECTION I IDENTIFICATION

PRODUCT NAME: **SERVICE PRO ALUMINUM BRIGHTENER** Pg. 1/4
PRODUCT CODE: Fluid 2-5901 P/N: SP5901AI-SP5902AI Version 4
CHEMICAL FAMILY: ACID BASED LIQUID CLEANER 4/21/2015
Meets GHS requirements

SUPPLIER: CUL-MAC INDUSTRIES, INC.	MANUFACTURED FOR: AIOD
ADDRESS: 3720 S. VENROY WAYNE, MI 48184	ADDRESS: PO BOX 1861 MONTROSE, CO 81402
PHONE: (734) 728-9700	PHONE: (800) 313-2463
	EMERGENCY PHONE: (866) 214-4235 (3E COMPANY)

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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SECTION III COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL:	% by wt.	CAS #	OSHA PEL	ACGIH TLV
Phosphoric Acid	15 - 20	7664-38-2	1 mg/m3	1 mg/m3
2-Butoxyethanol:	1 - 5	111-76-2	25 mg/m3 TWA	20 mg/m3 TWA
Sulfamic Acid	1 - 3	5329-14-6	not established	not established
Glycolic Acid	1 - 3	79-14-1	not established	not established

SECTION IV FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing; wash under shower with soap and water for 15 minutes. Seek medical attention if irritation occurs.

EYE CONTACT: Flush immediately with gently running water for a minimum of 15 minutes and seek medical attention.

INGESTION: **DO NOT** induce or stop vomiting. Feed egg whites or milk or drink large quantities of water. Seek medical attention.

INHALATION: Move to fresh air.

SECTION V FIRE FIGHTING MEASURES

FLASH POINT: N/A

EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide, alcohol foam

SPECIAL PROCEDURES: N/A

UNUSUAL HAZARDS: N/A

SECTION VI ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Material can be slippery. Dike area and place absorbed material in proper containers for disposal. Prevent spills from entering storm sewers or drains.

SECTION VII HANDLING & STORAGE

WASTE DISPOSAL METHOD: Reuse or reprocess if possible. Dispose in accordance with all applicable regulations. Subject to disposal regulations: US EPA 40 CFR 262, Hazardous Waste Number D002

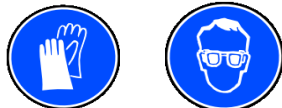
SPECIAL PRECAUTIONS: Handle in accordance with good industrial hygiene and safety precautions.

STORAGE: Store at room temperature. Seal container after use.

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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

BOILING POINT:	>212° F	pH:	0.5 - 1.5
FREEZING POINT:	< 32° F	SPECIFIC GRAVITY:	1.2
VAPOR PRESSURE:	N/A	PERCENT VOLATILE:	73
VAPOR DENSITY (AIR = 1):	N/A	APPEARANCE:	Blue
SOLUBILITY IN WATER:	Complete	ODOR:	Acid Detergent
EVAPORATION RATE:	< 1		
(BUTYL ACETATE = 1)			

SECTION X STABILITY AND REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Avoid contact with: alkali metals, strong alkali. Strong bases.
(CONDITIONS TO AVOID)

HAZARDOUS DECOMPOSITION: Oxides of phosphorus & carbon, acids of phosphorus & phosphate

SECTION XI TOXICOLOGICAL INFORMATION

This Product Has Not Been Tested As A Whole

Phosphoric Acid: Acute oral toxicity (LD50): 1530 mg/kg [Rat].
Acute dermal toxicity (LD50): 2740 mg/kg [Rabbit].

2-Butoxyethanol: Acute oral toxicity (LD50): 470 mg/kg, 4 hours [Rat].
Acute dermal toxicity (LD50): 220 mg/kg, 4 hours [Rabbit].
Acute toxicity of the vapor (LC50): 450, 8 hours [Rat].

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SECTION XII ECOLOGICAL INFORMATION

This Product Has Not Been Tested As A Whole

Phosphoric Acid: Ecotoxicity in water (LC50): pH 3.0 - 3.5, 96 hours [Bluegill/Sunfish].

2-Butoxyethanol: Ecotoxicity in water (LC50): >100 mg/L, 96 hours [Fish]

SECTION XIII DISPOSAL CONSIDERATIONS

WASTE DESCRIPTION: Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

GENERAL DISPOSAL CONSIDERATIONS: Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.

SECTION XIV TRANSPORT INFORMATION

PROPER SHIPPING NAME: CORROSIVE LIQUID, N.O.S. (Phosphoric Acid Solution)

UN/NA NUMBER: UN1760

HAZARD CLASS: 8

PACKING GROUP: III

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

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