

SAFETY DATA SHEET

SECTION I IDENTIFICATION

PRODUCT NAME: **SERVICE PRO WALL CLEANER** Pg. 1/6
PRODUCT CODE: Fluid 2-5748 P/N: SP5748AI-SP5752AI-SP5749AI Version 3
CHEMICAL FAMILY: ACIDIC BLEND 4/27/2015
Meets GHS requirements

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

SECTION II HAZARD IDENTIFICATION



DANGER:

HAZARD STATEMENTS:	H300: Fatal if Swallowed H312: Harmful in Contact with Skin H314: Causes Severe Skin Burns and Eye Damage H318: Causes Serious Eye Damage H333: May be Harmful if Inhaled H400: Very Toxic to Aquatic Life
PRECAUTIONARY STATEMENTS:	P260: Do Not Breathe Dusts or Mists P264: Wash Hands Thoroughly After Handling P270: Do Not Eat, Drink or Smoke When Using This Product P280: Wear Protective Gloves/Eye Protection/Face Protection P273: Avoid Release to the Environment
RESPONSE STATEMENTS:	P301+P310: IF SWALLOWED: Immediately Call a POISON CENTER or Doctor. P321: See Specific Treatment on this Label P330: Rinse Mouth P302+P352: IF ON SKIN: Wash with Plenty of Soap and Water P312: Call a POISON CENTER or Doctor if you Feel Unwell P322: See Specific Treatment on this Label P363: Wash Contaminated Clothing Before Reuse P301+P330+P331: IF SWALLOWED: Rinse Mouth. Do NOT Induce Vomiting P303+P361+P353: IF ON SKIN (or hair): Remove Immediately all Contaminated Clothing. Rinse skin with Water. P304+P340: IF INHALED: Remove Victim to Fresh Air and Keep at Rest in a Position Comfortable for Breathing P305+P351+P338: IF IN EYES: Rinse Cautiously with Water for Several Minutes. Remove Contact Lenses, if Present and Easy to do so. Continue Rinsing. P391: Collect Spillage
STORAGE STATEMENTS:	P405: Store Locked Up

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SECTION II HAZARD IDENTIFICATION CONTINUED

DISPOSAL 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.

SECTION III COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL:	% by wt.	CAS #	OSHA PEL	ACGIH TLV
Ammonium Bifluoride	1 - 5	7664-39-3	1 mg/m3 (8 hr TWA)	TWA: 1 mg/m3
DDBSA	1 - 5	27176-87-0	Not Established	Not Established
Propanol	1 - 5	34590-94-8	600 mg/m3	600 mg/m3

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: N/AV

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

EXTINGUISHING MEDIA: Use extinguishing media most appropriate for the surrounding fire. Carbon Dioxide. Dry Chemical Foam. Do NOT use water, product contains sulfuric acid.

SPECIAL PROCEDURES: Oxidizing material - contributes to the combustion of other material. Components react violently with water and organic material with evolution of heat. Emits toxic and corrosive fumes including those of ammonia and hydrogen fluoride under fire conditions. Fire fighters must wear a self-contained breathing apparatus and

suitable protective clothing if risk of exposure to products of decomposition exists.

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SECTION VI ACCIDENTAL RELEASE MEASURES

GENERAL INFORMATION: Use personal protection equipment as indicated in section 8.

SPILL OR LEAK PROCEDURES: Clean up spills immediately observing all necessary precautions. Evacuate the area of all unnecessary personnel. If contamination of sewers or waterways has occurred advise local emergency services. Wearing a self contained breathing apparatus, rubber boots and heavy rubber gloves cover the spill with soda ash or lime. Place in a suitable container and mark for disposal. Dispose of waste according to all federal, state, and local regulations.

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: Ensure ventilation is adequate and that air concentrations of components are controlled below quoted exposure limits.

RESPIRATORY PROTECTION: While a respirator is not generally needed: Follow the OSHA respirator regulations found in 29CFR 1910.134. Always use a NIOSHA-approved respirator when necessary.

GLOVES: Wear nitrile, butyl rubber or neoprene gloves to prevent skin exposure.

EYE PROTECTION: Wear chemical splash proof goggles and a face shield when transferring is taking place as described by OSHA's eye and face protection regulation in 29 CFR 1910.133.

CLOTHING AND FOOTWEAR: Wear appropriate protective clothing to prevent skin exposure. Apron or clothing to protect skin. Rubber boots suffice skin protection.

OTHER PROTECTIVE EQUIPMENT: Make an eyewash and emergency shower available.

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SECTION IX PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	~212° F	pH:	1.0 - 1.5
FREEZING POINT:	< 32° F	SPECIFIC GRAVITY:	1.04
VAPOR PRESSURE:	N/A	PERCENT VOLATILE:	90
VAPOR DENSITY (AIR = 1):	N/A	APPEARANCE:	clear & colorless
SOLUBILITY IN WATER:	Complete	ODOR:	strong acidic
EVAPORATION RATE:	As water		
(BUTYL ACETATE = 1)			

SECTION X STABILITY AND REACTIVITY DATA

STABILITY: Stable under normal temperature and pressure.

HAZARDOUS POLYMERIZATION: Not known to occur.

INCOMPATIBILITY: Incompatible with metals, organic material, alkaline materials.
(CONDITIONS TO AVOID) In strong concentrations this material will corrode metal, avoid prolonged contact.

HAZARDOUS DECOMPOSITION: N/AV

REACTION PRODUCTS: Hydrogen is generated by the action of acid on most metals.

SECTION XI TOXICOLOGICAL INFORMATION

This Product Has Not Been Tested As A Whole

Ammonium Bifluoride: RTECS: CAS#131-49-7: BQ9200000
CAS# 131-49-7 **LD50/LC50:** Oral, rat: LD50 = 60 - 130 mg/kg
Oral, guinea pig: LD50 = 150 mg/kg
Chronic effects on Humans: Causes damage to the lungs & mucous membranes
Other Toxic Effects on Humans:
Extremely hazardous in case of skin contact (irritant), of ingestion.
Very hazardous in case of skin contact (corrosive).
Hazardous in case of eye contact (corrosive),
Chronic fluorine poisoning is possible.

Isopropyl Alcohol: Acute oral toxicity (LD50): 3600 mg/kg, 4 hours [Mouse].
Acute dermal toxicity (LD50): 12800 mg/kg, 4 hours [Rabbit].
Acute toxicity of the vapor (LC50): 16000, 8 hours [Rat].

DDBSA: Acute Oral Toxicity (LD50): 650 mg/kg [Rat].

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SECTION XII ECOLOGICAL INFORMATION

This Product Has Not Been Tested As A Whole



Ammonium Bifluoride is harmful to aquatic life at low concentrations.
Do not allow material to enter waterways or sewers.

Isopropyl Alcohol: Ecotoxicity in water (LC50): 100000 mg/L, 96 hours [Fathead Minnow]

Ammonium Bifluoride: Ecotoxicity in water (LC50): 51 mg/L, 96 hours [Salmo Gairdneri]

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.
(Ammonium Bifluoride 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

U.S. Federal Regulations

Ammonium Bifluoride (CAS# 1341-49-7) is designated as a hazardous substance under section 311 (b)(2)(A) of the Federal Water Pollution Control Act and is further regulated by the Clean Water Act Amendments of 1977 and 1978. These regulations apply to discharge of this substance.

Ammonium Bifluoride (CAS# 134-49-7)

OSHA HAZARDOUS CHEMICAL: Yes
SARA 302 COMPONENTS: There is no specific Threshold Planning Quantity for Ammonium Bifluoride.
The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs. (4,540 kg) therefore applies, per 40 CFR 370.20
SARA 311/312: Immediate (X) Delayed (X) Fire () Reactive (X)
Sudden release of Pressure ()
SARA 313 COMPONENTS: None
CERCLA RQ Final RQ = 100 lbs. (45.4 kg)

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SECTION XV REGULATORY INFORMATION CONTINUED

OSHA HAZARDOUS CHEMICAL: Yes
SARA 302 COMPONENTS: TPQ = 1000 lbs. (454 kg)
SARA 311/312: Immediate (X) Delayed (X) Fire () Reactive (X)
Sudden release of Pressure ()
SARA 313 COMPONENTS: Yes
CERCLA RQ Final RQ = 1000 lbs. (454 kg)

State and Local Regulations

CALIFORNIA PROPOSITION 65: Neither component is listed in this proposition.

STATE RIGHT TO KNOW: Ammonium Bifluoride: New Jersey, Pennsylvania

SECTION XVI OTHER INFORMATION

HMIS: Health = 2; Flammability = 0; Reactivity = 0; Personal Protection = 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