

SAFETY DATA SHEET

SECTION I IDENTIFICATION

PRODUCT NAME: SERVICE PRO PIT DEODORIZER Pg. 1/5
PRODUCT CODE: Fluid 2184 P/N: SP5357CAL-SP5357AI Version 5
CHEMICAL FAMILY: SODIUM HYPOCHLORITE 4/27/2015
Meets GHS requirements

SUPPLIER: CUL-MAC INDUSTRIES, INC. MANUFACTURED FOR: AIOD
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SECTION II HAZARD IDENTIFICATION



ROUTES OF ENTRY: Skin, Eyes, Ingestion, Inhalation

DANGER:

HEALTH HAZARD STATEMENTS: H290: May be Corrosive to Metals
H302: Harmful if Swallowed
H312: Harmful in Contact with Skin
H314: Causes Severe Skin Burns and Eye Damage
H318: Causes Serious Eye Damage
H332: Harmful if Inhaled
H400: Very Toxic to Aquatic Life

PREVENTION PRECAUTIONARY STATEMENTS: P234: Keep Only in Original Container
P260: Do Not Breathe Dusts or Mists
P261: Avoid Breathing Dust/Fume/Gas/Mist/Vapours/Spray
P264: Wash Hands Thoroughly After Handling
P270: Do Not Eat, Drink or Smoke When Using This Product
P271: Use Only Outdoors or in a Well-Ventilated Area
P273: Avoid Release to the Environment
P280: Wear Protective Gloves/Eye Protection/Face Protection

RESPONSE PRECAUTIONARY STATEMENTS: P301+P312: IF SWALLOWED: Call a POISON CENTER or Doctor if you Feel Unwell
P330: Rinse Mouth
P302+P352: IF ON SKIN: Wash with Plenty of Soap and Water
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.
P363: Wash Contaminated Clothing Before Reuse
P304+P340: IF INHALED: Remove Victim to Fresh Air and Keep at Rest in a Position
Comfortable for Breathing
P310: Immediately Call a POISON CENTER or Doctor.
P321: See Specific Treatment on this Label
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.

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SECTION II HAZARD IDENTIFICATION CONTINUED

P304+P340: IF INHALED: Remove Victim to Fresh Air and Keep at Rest in a Position Comfortable for Breathing

P390: Absorb Spillage to Prevent Material Damage

P391: Collect Spillage

**STORAGE
PRECAUTIONARY
STATEMENTS:**

P405: Store Locked Up

P406: Store in a Corrosion Resistant Container

**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.

SECTION III COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL:	% by wt.	CAS #	OSHA PEL	ACGIH TLV
Sodium Hypochlorite	12.5 - 15.5	7681-52-9	not available	not available

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/AP

EXTINGUISHING MEDIA: As for surrounding fire.

PRECAUTIONARY MEASURES: Decomposes when heated

FIREFIGHTING INSTRUCTIONS: None known

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SECTION VI ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Do not allow spilled material to enter sewers or streams. Completely contain spilled material with dikes, sandbags, etc. and prevent runoff into the ground or surface waters or sewers. Flush spills with water to dilute bleach as much as possible. Flush residual neutralized waste to the drain with large amount of water. Avoid heat and contamination with acid. Do not use combustible materials such as sawdust to absorb hypochlorite.

SECTION VII HANDLING & STORAGE

HANDLING PROCEDURES: Handle in accordance with good industrial hygiene and safety precautions

STORAGE PROCEDURES: Store in vented closed, clean, non-corrosive containers in a cool dry location, away from direct sunlight and not adjacent to chemicals which may react with bleach if spillage occurs. If closed containers become heated, the containers should be vented to release decomposition products (mainly oxygen under normal conditions)
For small volumes: Store in plastic bottles or jugs. May be stored in amber glass bottles
For large volumes: Store in HDPE plastic storage tanks.

SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION



VENTILATION: No special ventilation required unless sanitizer is exposed to decomposition condition; i.e., spills or acidic conditions.

RESPIRATORY PROTECTION: NIOSH approved supplied air respirator when exposure limits are exceeded

GLOVES: Butyl and nitrile rubbers are recommended.

EYE PROTECTION: Face shield and chemical splash goggles when transferring is taking place

CLOTHING AND FOOTWEAR: Wear chemical resistant pants and jackets, preferably butyl or nitrile rubber. Wear chemical resistant footwear.

SECTION IX PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	decomposes	pH:	12.5 - 13.5
FREEZING POINT:	15° F	SPECIFIC GRAVITY:	1.162
VAPOR PRESSURE:	variable water	PERCENT VOLATILE:	98
VAPOR DENSITY (AIR = 1):	N/A	APPEARANCE:	clear yellow solution
SOLUBILITY IN WATER:	Complete	ODOR:	pungent like chlorine
EVAPORATION RATE (BUTYL ACETATE =1)	> 1		

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SECTION X STABILITY AND REACTIVITY DATA

STABILITY: Unstable. Stability decreases with concentration, heat, light exposure, and decrease in pH and contamination with heavy metals

HAZARDOUS POLYMERIZATION: Will not occur.

**INCOMPATIBILITY:
(CONDITIONS TO AVOID)** Avoid contamination with heavy metals, such as nickel, copper, cobalt, and iron; reducing agents, ether, ammonia, and acids as these materials would hasten decomposition

HAZARDOUS DECOMPOSITION: Hypochlorous acid (HOCl), chlorine, hydrochloric acid. Other decomposition products, which depend upon pH, temperature and time, are sodium chloride, sodium chlorate and oxygen.

SECTION XI TOXICOLOGICAL INFORMATION

SKIN ABSORPTION: Irritating effects increase with strength of solution and time exposure. Liquid contact can cause local irritation and burns. Sodium hypochlorite vapors can cause irritation, burning and blisters

INHALATION: Exposure to humans to 0.5 ppm for 8 hours and 1 ppm for 4 hours caused transient decrease in pulmonary capacity, as measured by pulmonary function tests

EYES: Contact can cause local irritation. High concentration may cause blindness

INGESTION: Swallowing of sodium hypochlorite can cause burning and pain in lips, mouth, tongue and stomach. Severe scarring of the throat can occur after swallowing.

SECTION XII ECOLOGICAL INFORMATION

ECOTOXICITY DATA: May pose potential hazard to plant and marine or aquatic life at high concentration. If not diluted, it may seriously affect aquatic life



SECTION XIII DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Reduce with chemicals listed as neutralizing chemicals. Keep on alkaline side and dilute with large quantities of water. Main end product is NaCl

NEUTRALIZING CHEMICALS: Reducing agents such as bisulfites or ferrous salt solutions or urea for low bleach concentration. Heat will be produced.

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

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SECTION XIV TRANSPORT INFORMATION

PROPER SHIPPING NAME: CORROSIVE LIQUID, N.O.S. (Hypochlorite Solution)
CLEANING COMPOUND, LIQUID (Gallon - Limited Quantity)
UN/NA NUMBER: UN1791
HAZARD CLASS: 8
PACKING GROUP: II
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: None

SECTION XVI OTHER INFORMATION

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

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