

**HAVILAND CONSUMER PRODUCTS, INC**  
**SAFETY DATA SHEET**



**Section 1: Identification**

Product Name: Omega Pool & Spa Chemicals Aqua Burn Plus    Product Code: C002526

Manufactured for:  
Baystate Pool Supplies, Inc.  
26 Smith Place  
Cambridge, MA 02138

**Emergency Phone**  
CHEMTREC (800) 424-9300  
CHEMTREC International (703) 527-3887

Product Use: NA  
Not recommended for: NA

**Section 2: Hazard(s) Identification**

**GHS Ratings:**

Oxidizing solid	2	Oxidizing solid class 2
Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
Skin corrosive	1A	Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
Skin sensitizer	1	Skin sensitizer
Reproductive toxin	1B	Presumed, Based on experimental animals
Organ toxin single exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance) - Human evidence in exceptional cases
Aquatic toxicity	A1	Acute toxicity <= 1.00 mg/l

**GHS Hazards**

H272	May intensify fire; oxidizer
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H360	May damage fertility or the unborn child
H371	May cause damage to organs
H400	Very toxic to aquatic life

**GHS Precautions**

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P220	Keep/Store away from clothing and other combustible materials
P221	Take any precaution to avoid mixing with combustibles
P260	Do not breathe dust/fume/gas/mist/vapors/spray
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash face, hands, and any exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace

P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P310	Immediately call a POISON CENTER or doctor/physician
P321	Specific treatment (see first aid treatment on SDS)
P330	Rinse mouth
P363	Wash contaminated clothing before reuse
P391	Collect spillage
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
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 – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P309+P311	IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P370+P378	In case of fire: Use suitable media for extinction
P405	Store locked up
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

**Danger**



**Section 3: Composition/Information on Ingredients**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Calcium hypochlorite 7778-54-3 40 to 50%			

#### Section 4: First-aid Measures

##### Inhalation

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

##### Eye Contact

Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

##### Skin Contact

Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash clothing separately and clean shoes before reuse.

##### Ingestion

If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

#### Section 5: Fire-fighting Measures

LEL:

UEL:

##### Extinguishing Media

Use water only. Do not use dry chemicals, carbon dioxide, or foam.

##### Specific Hazards Arising from the Chemical

Emits toxic fumes under fire conditions.

Product decomposes at approximately 338-356°F (170-180°C) releasing oxygen gas.

Container may rupture.

##### Special Protective Equipment and Precautions for Firefighters

**Special Information:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

#### Section 6: Accidental Release Measures

##### Spill and Leak Procedures

Wear adequate personal protective equipment. Extinguish or remove all ignition sources.

Ventilate area. Do not touch spilled material. Prevent material from entering sewers or confined spaces. Shovel into clean, dry, labeled containers. Flush area with water.

Contaminated materials may be dissolved in water, then treated with a reducing agent such as sodium sulphite. Care should be taken while handling contaminated materials, due to fire risk

#### Section 7: Handling and Storage

##### Handling Procedures

Use with adequate ventilation. Avoid breathing dusts, mists, and vapors. Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

**Pesticide Storage:** Keep in original container in a cool, dry, well-ventilated place. Keep container closed when not in use. Keep away from heat sources, sparks,

**Section 8: Exposure Control/Personal Protection**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Calcium hypochlorite 7778-54-3			

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator.

**SKIN PROTECTION:** Wear impervious protective gloves. Wear protective gear as needed - apron, suit, boots.

**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield.

**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**HYGIENIC PRACTICES:** Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

**Section 9: Physical and Chemical Properties**

<p><b>Appearance:</b> white granular</p> <p><b>Vapor Pressure:</b> Unknown</p> <p><b>Vapor Density:</b> Unknown</p> <p><b>Density:</b> 8.345</p> <p><b>Freezing point:</b> Unknown</p> <p><b>Boiling range:</b> Unknown</p> <p><b>Evaporation rate:</b> Unknown</p> <p><b>Explosive Limits:</b> Unknown</p> <p><b>Autoignition temperature:</b> Unknown</p> <p><b>Viscosity:</b> Unknown</p>	<p><b>Odor:</b> chlorine like odor</p> <p><b>Odor threshold:</b> Unknown</p> <p><b>pH:</b> 9.7</p> <p><b>Melting point:</b> Unknown</p> <p><b>Solubility:</b> Complete</p> <p><b>Flash point:</b> Unknown</p> <p><b>Flammability:</b> Unknown</p> <p><b>Specific Gravity:</b> Unknown</p> <p><b>Decomposition temperature:</b> Unknown</p> <p><b>Grams VOC less water:</b> Unknown</p>
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**Section 10: Stability and Reactivity**

**Chemical Stability:**

STABLE

**Incompatible Materials**

Acids. Reducing agents. Organics. Combustible materials. Petroleum products. Paint products. Wood and paper.

**Conditions to Avoid**

Contamination. Excessive heat and sources of ignition. Avoid conditions of moisture.

**Hazardous Decomposition Products**

Oxygen and chlorine gas.

**Hazardous Polymerization**

Hazardous polymerization will not occur.

**Section 11: Toxicology Information**

**Mixture Toxicity**

Oral Toxicity LD50: 1,636mg/kg

**Component Toxicity**

**Health Effects**

This product is severely irritating to the eyes and may cause burns and irreversible damage. Contact with the skin or mucous membranes may cause severe irritation, burns, and possible ulceration. This product will cause irritation or burns to the throat, esophagus, and gastrointestinal tract if it is swallowed. Ingestion of large amounts of this product may be fatal. Inhalation of dusts or mists of this product will cause irritation or burns to the nasal passages and respiratory tract and may cause ulceration of nasal membranes.

**Routes of Entry:**

Inhalation  
Ingestion  
Skin contact  
Eye contact

**Target Organs**

**Eyes          Skin          Respiratory System**

**Effects of Overexposure**

**Emergency Overview**

Harmful if Inhaled. Causes severe burns to eyes and skin. May be fatal if swallowed.

CAS Number

Description

% Weight

Carcinogen Rating

**Section 12: Ecological Information**

**Component Ecotoxicity**

Calcium hypochlorite

96 Hr LC50 Lepomis macrochirus: 0.049 - 0.16 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 0.4 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 0.054 - 0.06 mg/L [semi-static]; 96 Hr LC50 Cyprinus carpio: 0.185 - 0.26 mg/L [semi-static]; 96 Hr LC50 Oncorhynchus mykiss: 0.055 - 0.1 mg/L [semi-static]; 96 Hr LC50 Oncorhynchus mykiss: 0.13 - 0.2 mg/L [static]; 96 Hr LC50 Pimephales promelas: 0.561 - 1.41 mg/L [static]

**Section 13: Disposal Considerations**

**Pesticide Disposal:** Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes are not disposed properly, they may pollute the environment and may be harmful to humans and animals.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) promptly after emptying.

**Section 14: Transportation Informations**

Refer to Bill of Lading or container label for DOT or other transportation hazard classification, if any.

**Section 15: Regulatory Information**

EPA Reg. No. 57787-36

**FIFRA information:**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**DANGER:**

Corrosive.

Causes eye irreversible damage and skin burns.

Do not get in eyes, on skin or clothing.

May be fatal if swallowed.

Irritating to nose and throat.

This product is toxic to fish and aquatic organisms.

**Country**

**Regulation**

**All Components Listed**

**Section 16: Other Information**

Date Prepared: 1/29/2016

Reviewer Revision

**Disclaimer**

The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.