

HAVILAND CONSUMER PRODUCTS, INC
SAFETY DATA SHEET



Section 1: Identification

Product Name: Spa Pure Multi Shock Extra Product Code: C005210

Haviland Consumer Products, Inc.
421 Ann Street NW
Grand Rapids, MI 49504
(616) 361-6691

Emergency Phone
CHEMTREC: Canada and USA - (800) 424-9300
CHEMTREC: In Mexico - 01-800-681-9531

Product Use:
Not recommended for:

Section 2: Hazard(s) Identification

GHS Ratings:

| | | |
|-----------------------------|----|---|
| Oxidizing solid | 3 | Oxidizing solid class 3 |
| Oral Toxicity | 4 | Oral>300+<=2000mg/kg |
| Inhalation Toxicity | 3 | Gases>500+<=2500ppm, Vapors>2+<=10mg/l, Dusts&mists>0.5+<=1mg/l |
| Skin corrosive | 1C | Destruction of dermal tissue: Exposure < 4 hours Observation < 14 days, 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 |
| 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

| | |
|------|---|
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |
| H371 | May cause damage to organs |
| H400 | Very toxic to aquatic life |

GHS Precautions

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|------|---|
| 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 |
| P264 | Wash face, hands, and any exposed skin thoroughly after handling |
| P270 | Do not eat, drink or smoke when using this product |
| P273 | Avoid release to the environment |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |
| P310 | Immediately call a POISON CENTER or doctor/physician |
| P321 | Specific treatment (see first aid treatment on SDS) |

| | |
|----------------|--|
| P363 | Wash contaminated clothing before reuse |
| P391 | Collect spillage |
| P301+P330+P331 | If swallowed: Rinse mouth. Do NOT induce vomiting. |
| P303+P361+P353 | If on skin (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. |
| P304+P340 | If inhales: 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. |
| P309+P311 | IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician |
| 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 |
|--|----------------------|-----------------------|-----------------------|
| Sodium dichloro-s-triazinetrione 2893-78-9 50 to 60% | | | |
| Trade Secret 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**Extinguishing Media**

Large amounts of water. Do not use dry chemicals, carbon dioxide or halogenated extinguishing agents.

Specific Hazards Arising from the Chemical

Chlorine, Nitrogen trichloride, Hydrogen chloride, Nitrogen oxide, and carbon monoxide.

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**

Avoid inhalation and contact with eyes and skin. Use personal protective equipment. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, and oceans

Section 7: Handling and Storage**Handling Procedures**

Wear proper protective equipments in order to avoid contact with skin or eyes. Remove and wash contaminated clothing before re-use. Do not breathe vapors/dust. Do not eat, drink or smoke when using this product. Uses only in area provided with appropriate exhaust ventilation.

STORAGE: Keep product in tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. Do not store with water oxidizing agents, alkalies, grease, reducing agents and acids. Keep out of reach of children.

Section 8: Exposure Control/Personal Protection

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|---|----------------------|-----------------------|-----------------------|
| Sodium dichloro-s-triazinetrione 2893-78-9 | | | |
| Trade Secret N/A | | | |

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.

HYGENIC 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

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| <p>Appearance: White Powder</p> <p>Vapor Pressure: < 0.06 Pa @ 20° C</p> <p>Vapor Density: Not Available</p> <p>Density: 55 - 57 lbs/ft³</p> | <p>Odor: Slight Chlorine Odor</p> <p>Odor threshold: Not Available</p> <p>pH: 9 - 10</p> <p>Melting point: Decomposes Without Melting 252° C</p> |
|--|--|

| | |
|--|---|
| Freezing point: Not Available Boiling range: Not Available Evaporation rate: Not Available Explosive Limits: Not Flammable Autoignition temperature: Not Available Viscosity: Not Available | Solubility: 24.3 g/100 g @ 25° C Flash point: Not Available Flammability: Not Flammable Specific Gravity: Not Available Decomposition temperature: 252° C (486° F) Grams VOC less water: Not Available |
|--|---|

Section 10: Stability and Reactivity

Chemical Stability:

STABLE

Incompatible Materials

Acid, Alkali, Other chlorine agents, oils/fats and flammable materials.

Conditions to Avoid

Protect from moisture. Incompatible products.

Hazardous Decomposition Products

Chlorine, Nitrogen trichloride, Hydrogen chloride, Nitrogen oxide, carbon monoxide, carbon dioxide, and nitrogen

Hazardous Polymerization

Hazardous polymerization will not occur.

Section 11: Toxicology Information

Mixture Toxicity

Oral Toxicity LD50: 1,139mg/kg

Inhalation Toxicity LC50: 5mg/L

Component Toxicity

Routes of Entry:

Inhalation

Ingestion

Skin contact

Eye contact

Target Organs

Effects of Overexposure

CAS Number

Description

% Weight

Carcinogen Rating

Section 12: Ecological Information

Component Ecotoxicity

| | |
|----------------------------------|---|
| Sodium dichloro-s-triazinetriene | 96 Hr LC50 Lepomis macrochirus: 0.25 - 1 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 0.207 - 0.389 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 0.176 - 0.267 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 0.29 mg/L; 96 Hr LC50 Oncorhynchus mykiss: 0.13 - 0.36 mg/L [static] 48 Hr EC50 Daphnia magna: 0.00018 - 0.00021 mg/L; 48 Hr EC50 Daphnia magna: 0.093 - 0.16 mg/L |
| Trade Secret | 96 Hr LC50 Lepomis macrochirus: 300 mg/L [static]; 96 Hr LC50 Pimephales promelas: 310 - 1220 mg/L [static] 48 Hr EC50 Daphnia magna: 265 mg/L |

Section 13: Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

[for product sold in unit pack bags]

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 cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this bag. Completely empty bag into application equipment. When completely empty, offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[for product sold in plastic bottles or pails]

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 cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Section 14: Transportation Information

This product is non-regulated for land transport.

Section 15: Regulatory Information

EPA Reg. No. 57787-37

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 irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Do not breathe dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Section 16: Other Information

Date Prepared: 12/4/2018

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.