

**MATERIAL SAFETY DATA SHEET**

MSDS



Date Issued: 06/02/2007  
 MSDS No: ASIM24304  
 Date-Revised: 06/02/2007  
 Revision No: 1

**Synergy Initiator****1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Synergy Initiator  
**GENERAL USE:** Swimming pool water enhancer.  
**CHEMICAL FAMILY:** Inorganic oxide

**MANUFACTURER**

Asepsis, Inc., A Chemtura Company  
 P.O. Box 1788  
 Suwanee GA 30024-0973  
**Product Stewardship:** (877) 800-5553  
**Customer Care Number:** (800) 959-7946

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**Poison Control Center (Medical) :** (877) 800 - 5553  
**CHEMTREC (US Transportation) :** (800) 424 - 9300

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** White, odorless powder.

**IMMEDIATE CONCERNS:** CAUTION: Harmful if swallowed. Irritating to nose and throat. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Remove and wash contaminated clothing before reuse. Do not mix with other chemicals. Add this product only through skimmer only if other chemicals are not present in skimmer or an explosion may occur. Do not add to any dispensing device.

**POTENTIAL HEALTH EFFECTS**

**EYES:** May cause eye irritation. Avoid contact with eyes.

**SKIN:** May cause skin irritation. Avoid contact with skin.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Irritating to nose and throat. Avoid breathing dust or vapors.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**CHRONIC EFFECTS:** This product contains a boron compound. This boron compound, when fed to test animals at very high doses, has shown reproductive and developmental toxicity. When this product is used according to label directions, the boron compound in this product does not represent a practical risk to man.

**ROUTES OF ENTRY:** Eye Contact, Inhalation, Ingestion.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt. %
Boron Salts	100

**4. FIRST AID MEASURES**

**EYES:** If contact with eyes occurs: Immediately flush with cold water for at least 15 minutes. Then get immediate medical attention.

**SKIN:** If contact with skin: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention.

**INGESTION:** If swallowed: Drink large quantities of water, then induce vomiting. Avoid alcohol. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

**INHALATION:** If inhaled: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If not breathing, give artificial respiration. Call a physician immediately.

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## 5. FIRE FIGHTING MEASURES

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**FLASHPOINT AND METHOD:** Not Applicable

**GENERAL HAZARD:** There are no unusual fire and explosion hazards known.

**EXTINGUISHING MEDIA:** Any fire extinguishing media may be used on nearby fires.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

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## 6. ACCIDENTAL RELEASE MEASURES

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**GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Utilizing appropriate protective clothing and safety equipment, contain spilled material. Keep spill out of sewers and open bodies of water. Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place in clean dry plastic containers for disposal. Dispose of according to local, state, and federal regulations.

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## 7. HANDLING AND STORAGE

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**GENERAL PROCEDURES:** Avoid contact with eyes, skin or clothing. Avoid breathing dust.

**HANDLING:** Use safe chemical handling procedures for the hazards presented by this material.

**STORAGE:** Keep this product in its original container when not in use. Store in cool, dry, well-ventilated area. Keep this product and all other chemicals out of children's reach.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** General room ventilation plus local exhaust should be used to minimize exposure to dust/vapors.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear goggles or safety glasses with side shields when handling this product.

**SKIN:** Wear rubber gloves when handling this product. Avoid contact with skin.

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

**WORK HYGIENIC PRACTICES:** If product gets on clothing, remove and wash before reuse.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**PHYSICAL STATE:** Solid

**ODOR:** Odorless

**APPEARANCE:** Granules / powder

**COLOR:** White

**pH:** 5.1

**Notes:** (1% solution @ 20 C)

**MELTING POINT:** 171°C

**FLASHPOINT AND METHOD:** Not Applicable

**SOLUBILITY IN WATER:** 4.6g/100g water @ 20C

**SPECIFIC GRAVITY:** 1.400 g/cc

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## 10. STABILITY AND REACTIVITY

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**STABILITY:** This product is stable under normal conditions.

**POLYMERIZATION:** Hazardous polymerization will not occur under normal conditions.

**CONDITIONS TO AVOID:** High temperature. Poor ventilation. Contamination. Moisture/high humidity.

**INCOMPATIBLE MATERIALS:** Other swimming pool/spa chemicals in their concentrated forms. Reaction with strong reducing agents such as metal hydrides or alkali metals will generate hydrogen gas which could create an explosive hazard.

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## 11. TOXICOLOGICAL INFORMATION

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**EYE EFFECTS:** This product may be irritating to eyes.

**SKIN EFFECTS:** This product may be irritating to skin.

### CARCINOGENICITY

**IARC:** This product is not listed as a carcinogen by IARC.

**NTP:** This product is not listed as a carcinogen by NTP.

**OSHA:** This product is not listed as a carcinogen by OSHA.

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## 12. ECOLOGICAL INFORMATION

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**ECOTOXICOLOGICAL INFORMATION:** This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

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## 13. DISPOSAL CONSIDERATIONS

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**PRODUCT DISPOSAL:** Dispose of unused, uncontaminated product in compliance with local, state and federal regulations.

**EMPTY CONTAINER:** Do not reuse container. Rinse thoroughly before discarding in trash.

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## 14. TRANSPORT INFORMATION

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**DOT (DEPARTMENT OF TRANSPORTATION)**

**OTHER SHIPPING INFORMATION:** Not regulated as a US DOT hazardous material

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## 15. REGULATORY INFORMATION

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**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**313 REPORTABLE INGREDIENTS:** This product or its components are not listed.

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** This product or its components are not listed.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** This product or its components are not subject to export notification.

**TSCA STATUS:** This product or its components are listed on the TSCA Inventory.

**OSHA HAZARD COMM. RULE:** Product is hazardous by definition of the Hazardous Communication Standard.

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** This product is not a registered pesticide.

**16. OTHER INFORMATION**

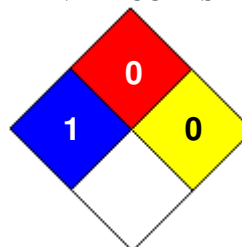
**PREPARED BY:** Regulatory Affairs Department

**REVISION SUMMARY:** Revision #: 1 This MSDS replaces the June 02, 2007 MSDS. Any changes in information are as follows:  
In Section 1 MSDS Product Code Prepared By CHEMTREC MSDS 24 Hour Emergency Phone Numbers In Section 9 (pH) In  
Section 14 DOT Proper Shipping Name Other DOT Shipping Information

**HMIS RATING**

<b>HEALTH:</b>	1
<b>FLAMMABILITY:</b>	0
<b>PHYSICAL HAZARD:</b>	0
<b>PERSONAL PROTECTION:</b>	<b>B</b>

**NFPA CODES**



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