



SAFETY DATA SHEET AFTER SHOCK

FILE NO.: SDS-0006

MSDS DATE: 12/16/2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: AFTER SHOCK
SYNONYMS: AFTER SHOCK CHLORINE REDUCER
PRODUCT CODES: NA

MANUFACTURER: Jack's Magic
DIVISION: FL
ADDRESS: Largo, FL

EMERGENCY PHONE: 727-560-3177
CHEMTREC PHONE: 800-424-9300
OTHER CALLS: 727-504-0400
FAX PHONE: 727-532-0250

CHEMICAL NAME: AFTER SHOCK
CHEMICAL FAMILY: NA
CHEMICAL FORMULA: Proprietary

PRODUCT USE: Pool and Spa
PREPARED BY: J. Virgilio

SECTION 1 NOTES: NA

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! May be harmful if swallowed or inhaled. May cause irritation to skin, eyes, and respiratory tract.

ROUTES OF ENTRY: SKIN CONTACT, INHALATION, INGESTION.

HAZARDOUS IDENTIFICATION:

Classification of substance or mixture: Not a hazardous substance or liquid.
GHS Label elements, including precautionary statements: Not a hazardous substance or liquid.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH HAZARDS:

Inhalation: May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.
Eye: Contact may cause mechanical irritation.
Skin: Irritation may occur from prolonged skin contact.
Ingestion: Low level of toxicity by ingestion. Diarrhea may occur by ingestion of large quantities.

CHRONIC HEALTH HAZARDS:

CARCINOGENIC EFFECTS: IARC, NTP, and OSHA do not list the contents of the product as a carcinogen.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
The substance can be toxic to skin. Repeated skin exposure can produce local skin irritation, or dermatitis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

Components of this product contain no known Carcinogenic agents.

SECTION 2 NOTES: If product comes in contact with eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and can be done safely. Continue rinsing and consult a physician. If swallowed rinse mouth and call poison center or physician if you do not feel well.



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

<u>CAS NO.</u>	<u>% WT</u>
Component A	>100
INERT Proprietary	Balance

SECTION 3 NOTES: Specific identification & percentage of composition is being withheld as a trade secret. Proprietary Formulation

SECTION 4: FIRST AID MEASURES

EYES: Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately. *Acute symptoms after contact: inflammation to eye tissue.*

SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash skin with soap and water. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. If irritation persists seek medical attention. *Acute symptoms after contact: No significant irritation.*

INGESTION: **Induce vomiting immediately as directed by medical personnel.** Rinse mouth with water. If ingested, give lots of water to drink. Do not induce vomiting unless directed to do so by medical professional. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed or if irritation or other concerns persist, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. *Acute symptoms after contact: Nausea. Vomiting.*

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration (CPR). If breathing is difficult, give oxygen. Get medical attention immediately. *Acute symptoms after contact: Dry/sore throat. Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes.*

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically and supportively.

SECTION 4 NOTES: NA

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not considered a fire hazard.
(% BY VOLUME) **LOWER:** Not Available

FLASH POINT: Non-combustible.

METHOD USED: NA

AUTOIGNITION TEMPERATURE: Not Available

HMIS HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

PROTECTION: NA

EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Gloves, safety glasses,. Protective clothing. Do not release runoff from fire control methods to sewers or waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not considered to be an explosion hazard. Cool tanks/drums with water spray/remove them into safe area away from heat.

HAZARDOUS DECOMPOSITION PRODUCTS: NA

SECTION 5 NOTES: NA



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SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL / LEAK PROCEDURES: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in section 8.

SMALL SPILLS: Sweep up and containerize for reclamation or disposal.

LARGE SPILL CONTAINMENT: For large spills, dike far ahead of spill for later disposal. Do not release into sewers or waterways.

PERSONAL PRECAUTIONS: For personal protection see section 8. Persons not wearing appropriate protective gear should be excluded from area of spill until clean-up has been completed.

ENVIRONMENTAL PRECAUTIONS: Prevent spreading concentrate solution over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system. Spilled material must be collected and properly disposed of. Never return spill material to its original container. Clean contaminated surfaces with plenty of water. Wash clothing and equipment after handling.

METHODS FOR CLEAN-UP: Keep in suitable, closed containers for disposal. Plug the leak(s), cut off supply of spill. Vacuuming or wet sweeping may be used to avoid dust dispersal.

SECTION 6 NOTES: Follow applicable OSHA regulations. (29 CFR 1910.120).

SECTION 7: HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Minimize dust generation and accumulation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Containers of this material may be hazardous when empty since they retain residues (dust, solids); observe all warnings and precautions listed for the product.

STORAGE: Store in a cool, dry, ventilated area. Keep from freezing or away from open flames/heat. Keep out of direct sunlight. Keep only in original (labeled) container. Protect against physical damage. Isolate from incompatible substances. Meet all state and local legal requirements.

OTHER PRECAUTIONS: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid and/or solid), all hazard precautions given in the data sheet must be observed.

SECTION 7 NOTES: NA

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL ADVICE: These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

VENTILATION: Always use this material in a well ventilated area. Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (sec. 2) Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling its source.

RESPIRATORY PROTECTION: Seek professional advice prior to respiratory selection and use. Follow OSHA respiratory regulations (29 CFR 1910.134) and, if necessary MSHA/NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. Follow all OSHA requirements regarding the use and certification before using respirators.

EYE PROTECTION: Wear chemical splash goggles or face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area.



SAFETY DATA SHEET AFTER SHOCK

FILE NO.: SDS-0006

MSDS DATE: 12/16/2015

SKIN & BODY PROTECTION: Wear appropriate chemical impervious clothing, gloves and boots whenever there is potential for skin contact with product (PVC or Rubber). Launder clothing before reuse. Maintain safety shower at all locations where skin contact is imminent. Contact your local safety equipment supplier to assist the facility in determining proper selection of personal protective equipment for the applications/operations present at your facility. Wear resistant gloves (consult your safety equipment supplier). Discard gloves that show tears, pinholes, or signs of wear.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Aprons are to be worn if material is likely to splash, spill or produce a mist, vapor or spray.

WORK HYGIENIC PRACTICES: Wash hands often and whenever you have completed handling this material before you handle other items including your eyes, mouth, etc.

EXPOSURE GUIDELINES: Mechanical ventilation systems used to ventilate corrosive storage or process areas in areas, such as manufacturing, should be designed with components that are corrosion resistant.

SECTION 8 NOTES: NA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Solid

ODOR: Odorless

PHYSICAL STATE: Solid.

pH AS SUPPLIED: 6.5 – 8.0 (Solution)

pH (1% Solution in H₂O): NA

BOILING POINT: > 100 deg C (decomposes)

MELTING POINT: 118 deg F

FREEZING POINT: NA

VAPOR PRESSURE (kPa): NA

VAPOR DENSITY (AIR = 1): NA

SPECIFIC GRAVITY (H₂O = 1): 1.667 – 1.730

EVAPORATION RATE: NA

POLYMERIZATION: NA.

SOLUBILITY IN WATER: 42 (hydrated), 33 (anhydrous).(79 g/100 ml water @ 4 deg C)

PERCENT SOLIDS BY WEIGHT: 100%

PERCENT VOLATILE: 0% @ 21 deg C

VOLATILE ORGANIC COMPOUNDS (VOC): NA

MOLECULAR WEIGHT: NA

SECTION 9 NOTES: NA



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SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Promotes combustion. Substance has basic reaction.

STABILITY: Stable at room temperature in closed containers under normal storage and handling conditions.

CONDITIONS TO AVOID (STABILITY): Excessive heat or freezing. Keep away from open flames/heat. Avoid raising dust.

INCOMPATIBILITY: Reacts violently with sodium nitrile. Incompatible with strong oxidizers, acids.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal oxidative decomposition, can produce hydrogen sulfide and sodium oxide.

HAZARDOUS POLYMERIZATION: Material will not undergo hazardous polymerization.

SECTION 10 NOTES: NA

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGICAL: Oral – LD50 – 2700 mg/kg (Mouse)

***Conclusion:** Harmful if swallowed, Low acute toxicity by oral route. Low acute toxicity by inhalation route.

MUTAGENICITY: NA

TERATOGENICITY: NA

CORROSION / IRRITATION: NA

RESPIRATORY OR SKIN SENSITIVITY: NA

SPECIFIC TARGET ORGAN TOXICITY: NA

SECTION 11 NOTES: NA

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: This product is expected to cause some oxygen depletion in aquatic systems. It has a low potential to affect aquatic systems. It has a low potential to affect aquatic organisms, secondary waste treatment microorganisms and the germination of some plants. It has a moderate potential to affect the germination and growth of some plants.

BIODEGRADABILITY: No Data Available

TOXICITY TO FISH: No Data Available

TOXICITY TO ALGAE: No Data Available

TOXICITY TO BACTERIA: No Data Available

BIOCHEMICAL OXYGEN DEMAND: No Data Available

RESULTS OF PBT and vPvB ASSESSMENT: No Data Available

CHEMICAL OXYGEN DEMAND: No Data Available

SECTION 12 NOTES: NA



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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Contact a licensed contractor for detailed recommendations. Follow applicable Federal, State and local regulations.

SECTION 13 NOTES: NA

SECTION 14: TRANSPORT INFORMATION

NOT REGULATED FOR TRANSPORTATION.

U.S. DEPARTMENT OF TRANSPORTATION: (49 CFR 172.101)

PROPER SHIPPING NAME: NA
HAZARD CLASS: NA
ID NUMBER: NA
PACKING GROUP: NA
LABEL STATEMENT: NA
LIMITED QUANTITIES: NA

WATER TRANSPORTATION:

PROPER SHIPPING NAME: NA
HAZARD CLASS: NA
ID NUMBER: NA
PACKING GROUP: NA
LABEL STATEMENT: NA
LIMITED QUANTITIES: NA

RAIL (RID) TRANSPORTATION:

PROPER SHIPPING NAME: NA
HAZARD CLASS: NA
ID NUMBER: NA
PACKING GROUP: NA
LABEL STATEMENT: NA
LIMITED QUANTITIES: NA

AIR (ICAO-TI/IATA-DGR) TRANSPORTATION:

PROPER SHIPPING NAME: NA
HAZARD CLASS: NA
ID NUMBER: NA
PACKING GROUP: NA
LABEL STATEMENT: NA
LIMITED QUANTITIES: NA

OTHER AGENCIES: NA

SECTION 14 NOTES: NOT REGULATED FOR TRANSPORTATION

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): NOT REGULATED
HEATH & SAFETY REPORTING LIST: None of the chemicals in this product are on this list.
SARA (SECTION 302-RQ): NOT REGULATED
SARA (SECTION 302-TPQ): NOT REGULATED
SARA (SECTION 313): NOT REGULATED
CLEAR AIR ACT: NOT LISTED as a Hazardous Air Pollutant or Class 1 or 2 depletors.
CLEAN WATER ACT: NOT LISTED as a Hazardous Substance, Priority Pollutant or Toxic Pollutant.
OSHA: Not considered highly hazardous by OSHA.



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STATE REGULATIONS: NOT Present on lists in CA, PA, MN, MA, FL, or NJ.

INTERNATIONAL REGULATIONS:

European Legislation: Labeled in accordance with EC Directives.

Canada Legislation: Not listed on the DSL/NDSL list. Not listed on Ingredient Disclosure List.

SECTION 15 NOTES: NA

SECTION 16: OTHER INFORMATION

REFERENCES: Information based on classification according to B.C.C. (01/2015).

PREPARATION INFORMATION CREATED: 12/16/2015 **LAST UPDATED:** 12/16/2015

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