

Safety Data Sheet

1 - PRODUCT and COMPANY IDENTIFICATION

PRODUCT NAME: MaxTite Pool & Spa pH Decreaser

CHEMICAL NAME/CLASS/SYNONYMS:SODIUM BISULFATE, ANHYDROUS G.B.S.,
NITRE CAKE, GBS, SODIUM HYDROGENSULPHATE

RECOMMENDED USE:..... CLEANING COMPOUNDS, PH ADJUSTMENT. NOT APPROVED FOR
USE IN FOOD OR ANIMAL FEED.

DISTRIBUTOR:

Pacific Innovations LLC
129 Seegers Ave
Elk Grove Village, IL 60007

EMERGENCY PHONE: 708-320-2088

2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Serious Eye Damage/Eye Irritation (1)

GHS LABEL:



SIGNAL WORD: Danger

HAZARD STATEMENTS:

H318: Causes serious eye damage

PRECAUTIONARY STATEMENTS:

P280: Wear protective gloves/protective clothing/eye protection/face protection
P264: Wash exposed area thoroughly after handling.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P310: Immediately call a POISON CENTER/doctor/physician

3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE: SUBSTANCE.

CHEMICAL NAME
SODIUM BISULFATE

CAS NUMBER
7681-38-1

Wt/Wt%
>90%

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4 – FIRST-AID MEASURES

- INHALATION:**..... Remove the victim into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If irritation or discomfort occurs, seek immediate medical attention.
- EYE CONTACT:** Rinse eyes gently with water for at least 15 minutes while holding eyelids apart. Remove contact lenses, if present and easy to do - continue rinsing. If redness or irritation persists, seek immediate medical attention.
- SKIN CONTACT:**..... Remove contaminated clothing. Wash exposed area with water. If symptoms persist, seek medical attention. Wash contaminated clothing before reuse.
- INGESTION:** Rinse mouth. If individual is drowsy or unconscious, do not give anything by mouth. Do not induce vomiting. If possible, do not leave individual unattended. Seek immediate medical attention.
- NOTE TO PHYSICIANS:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5 – FIRE-FIGHTING MEASURES

- EXTINGUISHING MEDIA:** Use an extinguishing agent suitable for the surrounding fire.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:**N.A.
- SPECIAL FIRE FIGHTING PROCEDURES:** Use standard firefighting procedures and consider the hazards of other involved materials. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Exercise caution when fighting any chemical fire.

6 – ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS:** ... Do not breathe dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- ENVIRONMENTAL PRECAUTIONS:** Prevent contamination of soil, drains or surface water, use appropriate containment method to avoid environmental contamination.
- MEASURES FOR CONTAINMENT AND CLEANING UP:** Small spill: Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Large spill: Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

7 – HANDLING and STORAGE

- PRECAUTIONS FOR SAFE HANDLING:** Do not get in eyes, on skin or on clothing. Do not breathe dust, vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Clean contaminated clothing.
- PRECAUTIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:** Material is hygroscopic and will readily absorb moisture. DO NOT store dry product where exposed to moist conditions. Keep container tightly closed.

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8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:None

APPROPRIATE ENGINEERING CONTROLS:If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION:In dusty atmospheres (>10 mg/m³), use NIOSH-approved dust respirator.

SKIN PROTECTION:Avoid skin contact. Wear gloves impervious to conditions of use. Additional protection may be necessary to prevent skin contact including use of apron, face shield, boots or full body protection. A safety shower should be located in the work area.

EYE PROTECTION:Splash proof chemical goggles in compliance with OSHA regulations are advised; or full face shield recommended to protect against splash of product. Have eye-wash stations available where eye contact can occur.

ADDITIONAL MEASURES:Ensure that eyewash stations and safety showers are close to the workstation location.

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE/ODOR: Dry (Anhydrous) crystalline solid spherical shape beads. Off-white. Fresh to pungent odor.

ODOR THRESHOLD: N.A.

pH: <1 [Conc. (%w/w): 5%]

MELTING/FREEZING POINT: 177°C (350.6°F)

BOILING POINT/RANGE: N.A.

FLASH POINT: N.A.

EVAPORATION RATE: N.A.

FLAMMABILITY: N.A.

LOWER EXPLOSIVE LIMIT: .. N.A.

UPPER EXPLOSIVE LIMIT: ... N.A.

VAPOR PRESSURE:..... N.A.

VAPOR DENSITY (AIR=1):..... N.A.

SPECIFIC GRAVITY OR RELATIVE DENSITY:...1.28

SOLUBILITY(IES):..... Partially soluble in the following materials: cold water and hot water

PARTITION COEFFICIENT: ... N.A.

AUTOIGNITION TEMP: N.A.

DECOMPOSITION TEMP: N.A.

10 – STABILITY and REACTIVITY

STABILITY: This product is stable under normal storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:.....Under normal conditions of storage and use, hazardous reactions will not occur.

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CONDITIONS TO AVOID: DO NOT store dry product where exposed to moist conditions.
INCOMPATIBLE MATERIALS: Oxidizing materials, acids and alkalis. DO NOT MIX dry or concentrated solutions of this product with concentrated solutions of chlorine bleach, ammonia cleansers or similar products.
HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 - TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Inhalation, ingestion, skin and/or eye contact.
SYMPTOMS OF EXPOSURE:
SKIN CONTACT: Prolonged exposure may cause skin irritation.
EYE CONTACT: Causes serious eye damage
INHALATION: Inhalation of dust may irritate nose, throat and/or lungs
INGESTION: Small amounts (tablespoonful) swallowed are not likely to cause injury; however, swallowing large amounts may irritate or burn digestive tract.

ACUTE TOXICITY:

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

ORAL LD50 Rat 2800 mg/kg
DERMAL LD50 N.A.
INHALATION LC50 N.A.

ADDITIONAL TOXICOLOGICAL INFORMATION:

CARCINOGENIC CATEGORIES: No known significant effects or critical hazards

12 - ECOLOGICAL INFORMATION

ECOTOXICITY (AQUATIC AND TERRESTRIAL, WHERE AVAILABLE): N.A.
PERSISTENCE AND DEGRADABILITY: N.A.
BIOACCUMULATIVE POTENTIAL: N.A.
MOBILITY IN SOIL: N.A.
OTHER ADVERSE EFFECTS: . This product readily dissolves in water to form a weak acid solution. A 0.05 percent or greater (by weight) solution of this product will likely be acutely harmful to aquatic life.

13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product should be disposed in an environmentally safe manner in accordance with local, state and federal regulations.
UNCLEANED PACKAGING: 'Empty' containers retain residue and may be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. 'Empty' drums should be completely emptied, properly bunged and should be disposed of in an environmentally safe manner and in accordance with local, state and governmental regulations. For work on tanks, please refer to Occupational Safety and Health Administration regulations, ANSI Z49.1, and other governmental and industrial references

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pertaining to cleaning, repairing, welding, or other governmental and industrial contemplated operations.

14 – TRANSPORTATION INFORMATION

UN/NA NUMBER: N.A.
UN PROPER SHIPPING NAME:Not classified according to the United Nations
Not classified as hazardous under DOT or US Transport Recommendations.
TRANSPORT HAZARD CLASS:N.A.
PACKAGING GROUP : N.A.
MARINE POLLUTANT: N.A.
REPORTABLE QUANTITY: N.A.
SPECIAL PRECAUTIONS: N.A.

15 – REGULATORY INFORMATION

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SARA Title III Chemical Listings:

SARA 304 RQ: N.A.

SARA 311/312: Immediate (acute) health hazard

TSCA STATUS: TSCA 8(a) CDR Exempt/Partial exemption: Not determined.

United States inventory (TSCA 8b): All components are listed or exempted.

16 – OTHER INFORMATION

SDS REVISION DATE: 5/27/2020

ABBREVIATIONS AND ACRONYMS:

ACGIH - American Conference of Governmental Industrial Hygienists

CAS - Chemical Abstract Service Number

DOT – U.S. Department of Transportation

IDLH – Immediately dangerous to life and health

N.A. – Not Available

NIOSH - National Institute of Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL – Permissible exposure Limit

ppm – Parts per million

RCRA – Resource Conservation and Recovery Act

SARA – Superfund Amendments and Reauthorization Act

TLV – Threshold Limit Value

TSCA – Toxic Substances Control Act

DISCLAIMER: The information contained herein is accurate to the best of our knowledge. No warranty of any kind, expressed or implied, concerning the safe use of this material in your process or in combination with other substances.