



Humco Holding Group, Inc.
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800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)
USA- 800-424-9300

All non-emergency calls should be directed to
Customer Service at 800-662-3435

NAME: SODIUM PERBORATE GRAN T

SDS NO. 2709

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sodium Perborate Granular, Technical

Synonyms: Tetrahydrate Perborax, Hydrate of Peroxometaborate, Sodium Peroxometaborate

Recommended Use: Oxidant, for bleaching straw, and other fibers, sponges and textiles.

Manufacturer by: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

Pictogram:	
Classification:	Oxidizing solid
Signal Word:	Danger
Hazard Statements:	May intensify fire; oxidizer, Harmful if swallowed, Causes serious eye damage, May cause respiratory irritation, May damage fertility or the unborn child, Harmful to aquatic life.

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
SODIUM PERBORATE TETRAHYDRATE	10486-007

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	May cause respiratory irritation.	If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion	Very hazardous in case of ingestion.	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Skin	May cause irritation to skin. Prolonged exposure may result in skin burns and ulcerations.	Wash with soap and plenty of water. Consult a physician.
Eyes	Causes eye irritation.	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not Determined
Auto Ignition:	Not Determined
Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Products of Combustion:	Not Determined
Fire Fighting Equipment and Procedures:	For fires involving this material, do not enter any enclosed or confined fire space without proper protection equipment such as self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Read entire label before using and follow all label instructions.
Environmental Precautions:	Do not let product enter drains. Any release to the environment may be subject to federal/national or local reporting requirements.
Method of Containment:	Carefully sweep up and remove.
Method for Clean-Up:	Small dry spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

7. HANDLING AND STORAGE

Handling:	Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Do not ingest. Do not breathe dust. Avoid contact by using personal protective equipment. Use respiratory protective equipment when release of airborne dust is expected. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.
Storage:	Store material in a cool, dry, area. Do not store or expose to heat sources, i.e., steam pipes, radiant heaters, hot air vents, etc. Avoid contact with reducing agents, moisture.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Provide local mechanical exhaust ventilation to prevent release of dust into the work area. If release is expected, use respiratory protection.
Personal Protective Equipment (PPE)	
Eye/Face Protection:	Chemical goggles, or face shield.
Skin Protection:	Rubber or neoprene gloves. Long sleeve shirt, impervious apron or clothing. Rubber or neoprene footwear.
Respiratory Protection	Used approved dust respirator with full face piece.
General Hygiene Considerations:	Always follow good hygienic practices. Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White crystalline powder	Upper/Lower Flammability:	Not Flammable
Odor:	Not Determined	Vapor Pressure	Not Determined
Odor Threshold:	Not Determined	Vapor Density:	Not Determined
pH:	10 to 10.4 at 10 g/l at 25° C	Relative Density:	Not Determined
Melting point /Freezing Point:	60 ° C	Solubilities:	Not Determined
Boiling point/range:	Not Determined	Partition coefficient: n-octanol/water:	Not Determined
Flash point	Not Determined	Auto-ignition temperature	Not Determined
Evaporation rate	Not Determined	Decomposition Temperature:	Not Determined
Flammability:	Not Flammable	Viscosity	Not Determined

10. STABILITY AND RACTIVITY

Reactivity:	Not Determined
Chemical Stability:	Stable under recommended storage conditions
Possibility of Hazardous reactions:	Not Determined
Conditions to Avoid:	Heat, moisture, reducing agents.
Incompatible materials:	Heavy Metals, reducing agents, and combustibles such as wood, paper, oils, etc.
Hazardous Decomposition Products:	Hydrogen peroxide, and oxygen that supports combustion.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not determined
Skin irritation:	Not Determined
Eye contact damage:	Not Determined
Respiratory damage:	Not Determined
Ingestion overdose:	Not Determined
Delayed, immediate, or chronic effects from short- and long-term exposure	Not Determined
LD50	Not Determined
Symptoms associated with exposure:	Not Determined
Carcinogenicity:	
OSHA:	Not Determined
NTP:	Not Determined
IARC:	Not Determined

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	Not Determined
Chemical degradation:	Not Determined
Biodegradation:	Not Determined
Bioaccumulation potential	Not Determined
Adsorption studies or leaching studies:	Not Determined
Other adverse effects	Not Determined

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	5.1
UN number:	UN1479
UN proper shipping name:	Oxidizing Solid, N.O.S. (Sodium Peroxometaborate Tetrahydrate)
Transport hazard class(es):	Not Determined
Packing group number:	III
Environmental hazards:	Not Determined
Special precautions:	Not Determined

15. REGULATORY INFORMATION

Not determined

16. OTHER INFORMATION

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