



Humco Holding Group, Inc.
7400 Alumax Dr
Texarkana TX 75501 USA
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: BORAX GRAN TECH

SDS NO. 0285

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Borax Granular Technical

Synonyms: Sodium tetraborate decahydrate, disodium tetraborate decahydrate, borax decahydrate

Recommended Use: For Manufacturing, Processing or Repackaging

Manufacturer by: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

| | |
|---------------------------|---------------------|
| Pictogram: | Not Required |
| Classification: | Non-flammable solid |
| Signal Word: | Not Required |
| Hazard Statements: | Not Required |

3. COMPOSITION / INGREDIENTS

| CHEMICAL NAME | CAS# |
|--------------------------------|-----------|
| SODIUM TETRABORATE DECAHYDRATE | 1303-96-4 |

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

| ROUTE | COMMON SYMPTOMS | FIRST AID |
|-------------------|--|--|
| Inhalation | Occasional mild irritation to nose and throat may occur. | If symptom are observed, remove person to fresh air. |
| Ingestion | Small amounts swallowed accidentally are not likely to cause effects. Swallowing larger amounts may cause gastrointestinal symptoms. | Swallowing small quantities (one teaspoon) will cause no harm to healthy adults. If larger amounts are swallowed, give two glasses of water to drink and seek medical attention. |
| Skin | Does not cause irritation to intact skin. | No treatment necessary because non-irritating. |
| Eyes | Non-irritating to eyes in normal industrial use. | Use eyewash fountain or fresh water to cleanse eye. If irritation persists for more than 30 minutes, seek medical attention. |

5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| Flash Point: | Not Determined |
| Auto Ignition: | Not Determined |
| Extinguishing Media: | Any extinguishing media may be used on surrounding fires. |
| Products of Combustion: | Not determined |
| Fire Fighting Equipment and Procedures: | Use standard firefighting procedures on surrounding fires. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------------|--|
| Personal Precautions: | No personal protective equipment is needed to clean up land spills. |
| Environmental Precautions: | Borax may at high concentrations cause damage to trees or vegetation by root absorption. |
| Method of Containment: | Contain the discharged material. |
| Method for Clean-Up: | Vacuum, shovel or sweep up and place in containers for disposal in accordance with applicable local regulations. |

7. HANDLING AND STORAGE

| | |
|------------------|--|
| Handling: | No special handling precautions are required. |
| Storage: | Good housekeeping procedures should be followed to minimized dust generation and accumulation. |

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | |
|--|---|
| Engineering Controls: | Use local exhaust ventilation to keep airborne concentrations of Borax dust below permissible exposure levels. |
| Personal Protective Equipment (PPE) | |
| Eye/Face Protection: | Eye goggles may not be required for normal industrial exposures, but may be warranted if environment is excessively dusty. |
| Skin Protection: | Gloves may not be required for normal industrial exposures, but may be warranted if environment is excessively dusty. |
| Respiratory Protection | Respiratory protection may not be required for normal industrial exposures, but may be warranted if environment is excessively dusty. |
| 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: | Odorless | Vapor Pressure | Negligible @ 20° C |
| Odor Threshold: | Not Determined | Vapor Density: | Not Determined |
| pH: | @ 20° C 9.2 in 1% solution | Relative Density: | Not Determined |
| Melting point /Freezing Point: | 62 ° C | Solubilities: | Water |
| 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 |
| Possibility of Hazardous reactions: | Not Determined |
| Conditions to Avoid: | Moisture |
| Incompatible materials: | Reaction with strong reducing agents, such as metal hydrides or alkali metals, will generate hydrogen gas, which could create an explosion hazard. |
| Hazardous Decomposition Products: | None |

11. TOXICOLOGICAL INFORMATION

| | |
|--|----------------|
| Acute toxicity: | Not expected |
| Skin irritation: | Not expected |
| Eye contact damage: | Not expected |
| Respiratory damage: | Not expected |
| 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: | Not Hazardous |
| UN number: | Not Required |
| UN proper shipping name: | Not Required |
| Transport hazard class(es): | Not Required |
| Packing group number: | Not Required |
| Environmental hazards: | Not Hazardous |
| Special precautions: | Not hazardous |

15. REGULATORY INFORMATION

Not determined

16. OTHER INFORMATION

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