

MATERIAL SAFETY DATA SHEET
MSDS Q-119 REVISION 6

THE DIAL CORPORATION
DIAL CENTER FOR INNOVATION
15101 NORTH SCOTTSDALE ROAD
SCOTTSDALE, ARIZONA 85254-9934

MEDICAL EMERGENCIES: 1-888-689-9082
CHEMTREC: 1-800-424-9300 (24 Hours Daily)
OTHER INFORMATION: 1-888-468-6673

SUBSTANCE IDENTIFICATION

SUBSTANCE: BORAX

TRADE NAMES/SYNONYMS: **20 MULE TEAM® BORAX NATURAL LAUNDRY BOOSTER**

CHEMICAL FAMILY: Inorganic salt

I.D. NUMBERS: 929002

NFPA RATINGS (Scale 0-4, U=Unrated):

HEALTH=0 FIRE=0 REACTIVITY=0

HMIS RATINGS (Scale 0-4, where 4=severe hazard):

HEALTH=1 FIRE=0 REACTIVITY=0

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission. The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this Material Safety Data Sheet differ from the requirements of the CPSC and as a result, this MSDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

HAZARDOUS INGREDIENTS INFORMATION

COMPONENT: SODIUM TETRABORATE DECAHYDRATE (BORAX)
10 mg/m³ OSHA TWA
5 mg/m³ ACGIH TWA

CAS# 1303-96-4

Carcinogen status of component: Not listed as a carcinogen by NTP, IARC, or OSHA.

MELTING POINT: 144 F (62 C)

SOLUBILITY IN WATER: 5.8% @ 20 C

SOLVENT SOLUBILITY: Soluble in glycerol; very slightly soluble in alcohol; insoluble in acids.

FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION HAZARD - Product is not flammable, combustible or explosive.

FIRE FIGHTING MEDIA - Extinguish using agent suitable for type of surrounding fire. Product is fire retardant.

FIRE FIGHTING - No acute hazard.

HEALTH HAZARD DATA

INGESTION: Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head in a position to prevent aspiration of vomitus. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

REACTIVITY

REACTIVITY - Stable under normal temperatures and pressures.

INCOMPATIBILITIES: Strong oxidizers, acids, zirconium.

DECOMPOSITION - Thermal decomposition products may include toxic oxides of sodium and boron.

POLYMERIZATION - Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

STORAGE AND DISPOSAL

Store away from incompatible substances. Store in a cool dry place. Keep container tightly closed when not in use. Observe all federal, state and local regulations when storing or disposing of this substance.

CONDITIONS TO AVOID

Avoid generation of dust. If material is involved in a fire, it may melt to a glassy material which can flow in large quantities and ignite surrounding combustible materials.

SPILL AND LEAK PROCEDURES

OCCUPATIONAL SPILL - Sweep up and place in suitable clean, dry containers for reclamation or later disposal. Small residual amounts of material may be flushed with water to the sewer. Keep unnecessary people away.

DOT FLAMMABILITY CLASSIFICATION:

Not applicable.

EPA - SARA TITLE III SECTION 313:

Toxic chemical - None.

TSCA:

All components of this product are listed or are exempted or excluded from listing on the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory.

The information contained herein is provided in good faith and is