



IDEAS TO GROW WITH®

PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

SPORAX

I. NAME

PRODUCT/TRADE NAME: SPORAX
EPA REGISTRATION #: 2935-501
CHEMICAL NAME/Common Name:
Sodium Tetraborate Decahydrate

II. HAZARDOUS INGREDIENTS

| CAS# | OSHA PEL | ACGIH TLV |
|--|----------|-----------|
| Sodium Tetraborate Decahydrate 1303-96-4 | NE | NE |

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): NA
MELTING POINT: 62°C
VAPOR DENSITY (AIR = 1): NA
% VOLATILES BY VOL.: NA
ODOR: None
APPEARANCE: White Crystalline Solid
FLASH POINT/METHOD: NA
VAPOR PRESSURE (mmHg): NA
SOLUBILITY IN H₂O: Partially

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO₂ Dry Chemical Other
FIRE FIGHTING PRECAUTIONS & HAZARDS:
This product is not flammable. It also can act as a fire retardant.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type

VI. REACTIVITY

Stable Unstable HAZARDOUS POLYMERIZATION
 May Occur Will Not Occur
AVOID: Elemental Zircon
HAZARDOUS DECOMPOSITION PRODUCTS: NA

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Vacuum or sweep up and reuse or place in a disposal container.
DECONTAMINATION: Treat area with detergent and water. Repeat as necessary until area is clean.
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.
DISPOSAL: Dispose of in accordance with federal, state and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD₅₀ (rat) 6.13 g/kg (U.S. Borax). Do not ingest. Wash thoroughly before eating, drinking or smoking.
INHALATION: May cause slight nasal irritation.
SKIN ABSORPTION: Not expected to cause irritation.
EYE EXPOSURE: Causes irreversible eye damage. Wear proper eye protection to prevent exposure.
EFFECTS OF OVEREXPOSURE: Symptoms of overexposure are sneezing, coughing and eye damage. Ingestion may cause nausea, vomiting, diarrhea and facial flushing.
FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water. Do not induce vomiting. For skin exposure, wash with water. For eye exposure, irrigate a minimum of 15 minutes with water. If inhaled, remove to fresh air.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respiratory protection for nuisance particulates.
PERSONAL PROTECTIVE EQUIPMENT: Safety goggles or glasses with side shields and brow protection.
VENTILATION: Local exhaust ventilation recommended for control of nuisance dust.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None

SARA 313: Yes No Chemical:

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical:

RQ:

RCRA: Yes No

NFPA HAZARD RATING:

Health: [2]

Fire: [0]

Reactivity: [0]

Special: []

HMS CODES:

Health: [2]

Fire: [0]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

DATE PREPARED: March 31, 1993

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*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300

