

BORAX FRANCAIS -- POTASSIUM TETRABORATE -- 6810-01-319-5473

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Product Identification
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Product ID:POTASSIUM TETRABORATE

MSDS Date:01/01/1991

FSC:6810

NIIN:01-319-5473

MSDS Number: BQMMG

=== Responsible Party ===

Company Name:BORAX FRANCAIS

Address:B.P. NO.8

City:78102 SAINT GERMAIN EN LAYE CEDEX,FRANCE

Info Phone Num:071-834-9070; 081-397-5141

Emergency Phone Num:071-834-9070; 081-397-514

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Preparer's Name:MARKET SERVICES DEPT

CAGE:F4981

=== Contractor Identification ===

Company Name:BORAX FRANCAIS

Address:B.P. NO.8

Box:City:78102 SAINT GERMAIN EN LAYE CEDEX,FRANCE

Phone:071-834-9070; 081-397-5141

CAGE:F4981

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM TETRABORATE TETRAHYDRATE; (DIPOTASSIUM
TETRABORATE TETRAHYDRATE)

CAS:1332-77-0

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Hazards Identification
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LD50 LC50 Mixture:LD50:(ORAL,
RAT) 3690 MG/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:SKIN & EYE:NON-HARMFUL BY

EXCESSIVE DUST MAY CAUSE DISCOMFORT. CHRONIC:REPRODUCTIVE &
DEVELOPMENTAL TOXICITY NOTED IN LABORATORY ANIMALS FED LARGE DOSES
OF BORATES OVER A PROLONGED PERIOD. NO EV IDENCE OF SUCH EFFECTS IN
HUMANS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

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ical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:NO SPECIAL PRECAUTIONS NEEDED. INHAL:REMOVE TO FRESH AIR.
SUPPORT BREATHING (GIVE O²/ARTF RESP) . EYE:WASH AWAY W/WATER FOR
AT LEAST 15 MINUTES. SKIN:WASH AWAY W/WATER. INGEST:IN CASE OF
MASSIV E INGEST OBTAIN MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point:NON-FLAMMABLE
Extinguishing Media:ANY FIRE EXTINGUISHER MAY BE USED ON NEARBY FIRES.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures
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Spill Release Procedures:REMOVE BULK OF SPILLAGE W/BROOM OR SHOVEL,
WASH AWAY REMAINING TRACES W/WATER. BORON IS AN ESSENTIAL
MICRONUTRIENT FOR PLANT GROWTH, BUT IN LARGE QUANTITIES CAN BE
PHYTOTOXIC.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A DRY UNHEATED WAREHOUSE.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE
FOR EXPOSURE OF CONCERN .
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
MP:1499F,815C (ANHYDROUS FORM). PH:9.2 (1% SOLUTION AT 25C).

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Physical/Chemical Properties
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Melt/Freeze Pt:M.P/F.P Text:SUPP DATA
Spec Gravity:1.95
pH:SUPDAT
Solubility in Water:17.8% AT 25C.
Appearance and Odor:WHITE CRYSTALS OR POWDER, ODORLESS.

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Stability and Reactivity
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y Data =====

Stability Indicator/Materials to Avoid: YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====

Waste Disposal Methods: CONSULT LOCAL, STATE & FEDERAL AUTHORITIES
BEFORE DISPOSAL.

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