

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; 081-397-5141

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,R  
AT) 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.

Medi

cal 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 O<sup>2</sup>/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 Me

dia: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.

Neutralizin

g 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:CHEMI

CAL 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

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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