



Safety Data Sheet

1. Identification

Product Identifier : Borax

Recommended Uses : Cleaner and Deodorizer

Supplier : Bow River Chemical Ltd.
30 Fair Road, Unit 4
Guelph, Ontario
N1H 6K9

Emergency Telephone : (613) 996-6666 (CANUTEC)

2. Hazard Identification

Product Classifications : Serious Eye Damage/Eye Irritation Category 2
Reproductive Toxicity Category 2

Symbols :



Signal Word : Warning

Hazard Statements : Causes serious eye irritation.
Suspected of damaging fertility or the unborn child.

Precautionary Statements : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Wear protective gloves and eye protection/face protection. Wash thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

IF exposed or concerned: Get medical attention.

Store locked up. Dispose of contents/container according to local, provincial and federal regulations.

3. Composition/Information on Ingredients

Hazardous Ingredients :

Chemical Name	CAS Number	Concentration (% w/w)
Sodium tetraborate decahydrate	1303-96-4	99 – 100

4. First Aid Measures

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs, get medical attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell.

IF INHALED: Remove person to fresh air. Get medical attention if you feel unwell.

IF exposed or concerned: Get medical attention.

Symptoms of Acute Exposure :

Eye contact :	Redness, pain, watering.
Skin contact :	No serious or irreversible effects expected.
Ingestion :	Nausea.
Inhalation :	No serious or irreversible effects expected.

5. Fire Fighting Measures

Suitable Extinguishing Media :

As for surrounding fire. Suitable materials include water spray, dry chemical, carbon dioxide, and alcohol-resistant foam.

Unsuitable Extinguishing Media :

Not available.

Specific Hazards and Combustion Products :

Non-combustible. During fire, gases hazardous to health may be formed.

Protective Equipment and Precautions
for Firefighters :

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Move containers from fire area if possible without risk. Keep containers cool with water spray. Collect contaminated fire extinguishing water and other media separately.

6. Accidental Release Measures

- Personal Precautions :** Immediately evacuate personnel to safe areas. Wear appropriate personal protective equipment (See Section 8: Exposure controls / Personal protection). Only trained and properly protected personnel must be involved in clean-up operations. Material may create slippery conditions.
- Containment and Clean Up :** Stop leak if it is safe to do so. Contain spilled material, where possible. Avoid dust formation. Use appropriate tools to put the spilled solid into a suitable closed container for disposal. Avoid dispersal of spilled material or contact with soil or entry into waterways, sewers and drains. Dispose of contents/containers according to local, provincial, and federal regulations. Following product recovery, flush area with water.

7. Handling and Storage

- Handling :** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dusts. Avoid contact with skin, eyes, and clothing. Use personal protective equipment as required (See Section 8: Exposure controls / Personal protection). Wash thoroughly after handling.
- Storage :** Store in a cool, dry, well-ventilated place. Keep container tightly closed when not in use. Store locked up.

8. Exposure Controls/Personal Protection

Control Parameters :

Chemical Name	CAS Number	Value type	Permissible Concentration	Basis
Sodium tetraborate decahydrate	1303-96-4	TLV-TWA	2 mg/m ³	ACGIH

- Engineering Controls :** Ensure adequate ventilation.
- Personal Protection :**
- Eye/Face :** Safety glasses or chemical splash goggles.
 - Skin :** Chemical-resistant protective gloves.
 - Respiratory :** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
 - Other :** Not applicable.

9. Physical and Chemical Properties

- Physical State :** Powder
- Colour :** White

Odour :	Not available
Odour Threshold :	Not available
pH :	Not available
Freezing Point :	Not available
Boiling Point :	Not available
Flash Point :	Not available
Evaporation Rate :	Not available
Flammability (solids and gases) :	Non-flammable
Lower Flammability Limit :	Not available
Upper Flammability Limit :	Not available
Vapour Pressure :	Not available
Vapour Density :	Not available
Relative Density :	Not available
Solubility :	Not available
Partition Coefficient :	Not available
Auto-ignition Temperature :	Not available
Decomposition Temperature :	Not available
Viscosity :	Not available

10. Stability and Reactivity

Reactivity :	Not dangerously reactive.
Chemical stability :	Chemically stable.
Hazardous reactions :	No hazardous reaction or polymerization expected to occur.
Conditions to avoid :	Not applicable.
Incompatible materials :	Not available.
Hazardous decomposition products :	Not applicable.

11. Toxicological Information

Routes of Exposure :	
Eye contact :	Causes serious eye irritation.
Skin contact :	May cause skin irritation.
Ingestion :	May cause irritation to mouth, throat and stomach.
Inhalation :	May cause irritation to nose, throat and respiratory tract.

Symptoms of Acute Exposure :	
Eye contact :	Redness, pain, watering.
Skin contact :	No serious or irreversible effects expected.
Ingestion :	Nausea.
Inhalation :	No serious or irreversible effects expected.

Chronic Effects :	Suspected of damaging fertility or the unborn child.
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Calculated Acute Toxicity Estimates

Oral :	6,000 – 7,000mg/kg
Dermal :	Not available.
Inhalation :	Not available.

12. Ecological Information

Not available.

13. Disposal Considerations

Dispose of contents/container according to local, provincial and federal regulations.

14. Transportation Information

For transportation in a road vehicle or a railway vehicle :

TDG Classification : Not Regulated.

15. Regulatory Information

Not available.

16. Other Information

SDS Revision Date : December 2, 2025