



Material Safety Data Sheet (MSDS)

Boric Acid (H_3BO_3) – Industrial Grade

1. Identification

- Product Name: Boric Acid
- CAS No: 10043-35-3
- Application: Glass, Ceramics, Detergents, Agriculture

2. Hazard Identification

- Classification: Not highly hazardous under normal use
- Hazards:
 - Eye irritation
 - Prolonged exposure may affect health

3. Composition

- Boric Acid: $\geq 99.5\%$
- Impurities: Trace amounts

4. First Aid Measures

- Eye Contact: Rinse with water for 15 minutes
- Skin Contact: Wash with soap and water
- Inhalation: Move to fresh air
- Ingestion: Seek medical advice if large amount consumed

5. Fire Fighting Measures

- Not flammable
- Use water spray, foam, or dry chemical if needed

6. Handling & Storage

- Store in dry area
- Avoid moisture
- Use gloves and mask

7. Exposure Controls / PPE

- Gloves
- Safety glasses



- Dust mask

8. Physical & Chemical Properties

- Appearance: White powder
- Solubility: Soluble in water
- Odor: Odorless

9. Stability

- Stable under normal conditions
- Avoid strong bases

10. Transport Information

- Not classified as dangerous goods