

Material Safety Data Sheet

Firex Distribution (Australia) Pty Ltd
3/11 Packard Avenue
Castle Hill NSW 2154
Phone: (02) 9680 8811

Product Name: **Regular Dry Powder (B:E)**
Date Issued: 14th June 2011

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Material Name: BE Chemical Powder – Mixture of Sodium bicarbonate, Silicates and Stearates.
Manufacturer/Supplier: Niingbo Nenglin Fire Fighting Equipment Co Ltd
Emergency Telephone Number: (86574) 8849-3170

2. HAZARDS IDENTIFICATIONS

Potentially Hazardous Ingredients: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Material Name: Sodium Bicarbonate: Wt PCT: 90
Mineral Silicates and Stearates: Wt PCT: 9.8
Water: Wt PCT: 0.2

4. FIRST AID MEASURES

Skin: Wash affected areas with soap and water.
Eyes: Remove contact lenses. Immediately irrigate with water or eye wash solution.
Inhalation: Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance and call a physician.
Ingestion: Not expected to be a problem.

5. FIRE FIGHTING MEASURES

Flash Point: Non combustible
Flammable Limits in Air % by Volume: LEL Lower: Not Applicable
UEL Upper: Not Applicable
Extinguisher Media: Not Applicable. This material is a fire extinguishing agent.
Unusual Fire and Explosion Hazards: Not Applicable

Special Fire Fighting Procedures: This material will not burn. However, use standard chemical fire fighting procedures and consider the hazards of other involved materials. For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Environmental Impact: Report spills as required to appropriate authorities. Report to appropriate authorities any spills that could reach any waterway including intermittent dry creeks.

Other Precautions: None

Accidental Release or Spilled: Sweep up and store in sealed containers. Dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations.

Waste Management: Dispose of waste at an appropriate waste disposal facility in accordance with current applicable laws and regulations and product characteristics at time of disposal.

7. HANDLING AND STORAGE

Regular (B:E) Dry Chemical should be stored in original container or in sealed extinguishers.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection: Approved dust respirators must be used for dusty conditions or if dust levels exceed.

Protective Gloves: Sensitive individuals should wear gloves.

Eye Protection: Safety glasses are recommended.

Skin Protection: No special equipment required. However, good personal hygiene practices should always be followed.

Work Practices: Avoid breathing of dust; wash off with soap and water. Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder

Odour: None

Viscosity at 40°C Sus: Not Applicable

Viscosity at 100°C Sus: Not Applicable

Flash Point: Not Applicable

Melting Point: Not Applicable

Boiling Point F (C) Not Applicable

Vapour Pressure (mm Hq): Not Applicable

Vapour Density (Air-1): Not Applicable

Solubility in Water: Slightly Water Soluble

10. STABILITY / REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme Heat

Incompatibility (Materials to avoid): None

Hazardous Decomposition Products: Carbon Dioxide and Carbon Monoxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Inhalation

May cause minor irritation to respiratory tract when inhaled, no chronic effect known.

Ingestion

May cause minor irritation of the stomach.

Contact to eyes or skin

Low risk if appropriate precaution measures are taken (see section 6). May cause skin and eye irritation when in contact with eyes or skin.

12. ECOLOGICAL INFORMATION

Not Hazardous.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to Federal, E.P.A., State and Local regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

UN Number: Not Applicable

Dangerous Goods Class: Not Applicable

15. REGULATORY INFORMATION

Material Ingredients: Sodium Bicarbonate, Silicates and Stearates.

16. OTHER INFORMATION

Other information

DISCLAIMER: This information is based on our current knowledge and is intended to describe the product for the proposed of health, safety and environmental requirements only. It should no therefore be construed as guaranteeing any specific property of the product.

End MSDS