



PARAS METALLURGICAL INDUSTRIES

Non Ferrous Metals, Foundry Materials & Refractory Consumables
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MSDS (Material Safety Data Sheet)

Product Code: Bottom Flux

Section 1: Product and Company Identification

Product Name: Bottom Flux

Company Name: PARAS METALLURGICAL INDUSTRIES

Add: No.112, Tridev Co-op Premises Society Ltd, Bhakti Marg, Mulund (w), Mumbai-400080,
Maharashtra State, INDIA

Tel: +91 9867626391

e-mail: parasbhanushali@gmail.com

Section 2: Composition/Information on Ingredients

Chemical Composition:

Chemical Symbol	Official Name	CAS No.	Contents (%)
NaF	Sodium Flouride	7681-49-4	35
AL	Metal Aluminum	7429-90-5	15
CaF2	Flourspar	7789-75-5	5
Mg	Metal Magnesium	7439-95-4	15
Na2CO3	Soda Ash	497-19-8	5

Section 3: Hazards Identification

DOT Hazard Class: 4.1(Flammable Solid) (UN 1309)

4.3 (Water Reactive/ Dangerous when wet) (UN 1396)

Section 4: First Aid Measures

Eye Contact: flush eyes with plenty of water

If there's some symptom. Get medical attention

Skin Contact: flush skin with soap and water.

If there's some symptom, Get medical attention.

Inhalation: Take breath with fresh air. If there's some symptom, Get medical attention
Ingestion: Get medical attention
NOTE TO PHYSICIAN: None

Section 5: Explosion & Fire Fighting Measures

- A. Flash Point: Dust clouds may be explosive
- B. Spontaneous Combustion Point: Steady under safe storage practice
- C. Explosion: None under safe storage practice and away from water/ moisture
- D. Fire Extinguishing Media: Dry extinguishers or Silica Sand only. Let the fire douse by its own without external efforts.
- E. Extinguish Method and Equipment: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
- F. Spread of the flames, Hazardous article: Do not use water, Co2, Foam, instead use sand to prevent spreading fire and its hazards.

Section 6: Accidental Release Measures

Avoid ignition sources and prohibit smoking. Avoid use of water or wet materials. Pack in combustion free material and wash spillage with broom and do not use water.
In case of accidental release get rid of material by sweeping.

Section 7: Handling and Storage

- A. Safety handling point: Basic caution need for the chemical transportation. Keep away from moisture/ water/ wet materials/ freeze items.
- B. Storage point: Keep and stored in a dry, ventilated area at room temperature.
Keep the product without other product contained much moisture

Section 8: Exposure Controls/Personal Protection

- A. Engineering Management: ventilation needed
- B. Respiration protection: Wear dust mask for safety.
- C. Eye Protection: Wear protective goggles.
- D. Hands Protection: Wear protective gloves.
- E. Skin Protection: Wear general basic equipment when treating material
- F. Sanitation Caution: Avoid use of water and wet items
- G. Exposure standard: Avoid direct exposure to sun, water, wet objects and extreme cold temperatures.

Section 9: Physical and Chemical Properties

Appearance: powdered.
Color: gray

Odor: Odorless when dry.
Specific Gravity: 1.0~1.5g/cm³(20°C)
Flash point: 200 °C
Vapor Pressure (mm Hg): No information found.

Section 10: Stability and Reactivity

Stable under safe storage and transportation practice.
Avoid contact with water/ moisture and direct sun as it may cause gentle reaction which may increase gradually and with small particles reacting quickly with water and may cause hazards.

Section 11: Toxicological Information

Main Toxicological material: Low risk on inhalation. Considered biologically inert

Section 12: Environmental Effects

Aquatic life and environmental Toxic: None
Soil movement: None
Remnant and Resolution: None
Human Body Accumulation Possibility: None

Section 13: Disposal Cautions

According the local area, Disposal, Storage, Recycling is preferred.

Section 14: Transportation Information

No hazard material included which may be restricted by Domestic, International Railway, Air transportation, Vessel transportation as per international HS code definition of this material.

Section 15: Legal Restrictions

Dangerous Cargo (Goods) Indication: None need