

MATERIAL SAFETY DATA SHEET

ANTIRUST POWDER

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Product/Chemical Name: Sodium Carbonate monohydrate (70%) and Sodium Nitrite (30%)

Formula: NaCO₃.H₂O; NaNO₂ CAS: 5968-11-6 and 7632-00-0 M.W.: 124.02 and 69.01

Physical Description: granular white to cream colored powder

Toxicological: Sodium carbonate: Oral (LD50) Acute 4090 mg/kg (Rat); Dust (LC50) Acute: 9200 ppm 4 hours (Rat) Sodium Nitrite: Oral (LD50) Acute 85 mg/kg (Rat); Dust (LC50) Acute: 5.5 ppm 4 hours (Rat)

Unusual Fire/Explosion Hazards: Not flammable

Stability: Product is stable.

Incompatibilities: Reactive with reducing agents, organic materials, metals, acids. Slightly reactive with moisture.

Spill or Leak Procedures

Action: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Overexposure Effects: Repeated exposure may produce general deterioration of health by an accumulation in one or many human organs.

First Aid Procedures

Skin: Remove contaminated clothing and shoes immediately. Wash area with large amounts of water for approx. 15-20 minutes until no evidence of chemical remains.

Eye: Check for and remove any contact lenses. Flush eyes immediately with large amounts of water or normal saline until no evidence of chemical remains (approx. 15-20 minutes). Do not use an eye ointment. Get medical attention immediately.

Ingestion: Check for and remove any dentures. Do not induce vomiting. Loosen tight clothing such as collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If victim is not breathing, perform CPR. Get medical attention immediately.

Inhalation: Move victim to fresh air if the atmosphere is contaminated. Apply CPR if victim stops breathing. Get medical attention immediately.

Storage Recommendations: Store at room temperature.

Special Protection Information

Exhaust ventilation recommended. Gloves and safety glasses recommended.
Have all-purpose canister mask available.

Special Handling Precautions

DOT Hazard Class: 5.1(Sodium Nitrite) 8 (Sodium Carbonate). Keep container closed when not in use.