

Boron Carbide

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Boron Carbide

Synonyms: Boron Carbide Powder

Supplier: **Henan E-Grind Abrasives Co., Ltd**

Tel: 86-371-86528966, 68616866

Fax: 86-371-68616868

2. COMPOSITION / INFORMATION ON INGREDIENTS:

Product Description: raw material, solid, Black powder

Composition/CAS Number Proportion Risk Phrases

Boron Carbide

12069-32-8

100% Non Hazardous

3. HAZARD IDENTIFICATION:

Poisons Schedule: None allocated

4. FIRST AID MEASURES:

Ingestion: No adverse affects expected

Skin: Wash affected areas with soap and water. Do not rub excessively.

Seek medical attention if irritation persists.

Eye: Flush with for a minimum of 10 minutes. Do not rub eyes.

Seek medical attention if irritation persists.

Inhalation: Move subject from source; give artificial respiration or oxygen if necessary. Seek medical attention if irritation persists.

Note to Physicians: Treat Symptomatically.

5. FIRE FIGHTING MEASURES:

Flammability: Non-flammable

Flash Point: none

Autoignition Temperature: Not applicable

Flammable limit in air (% by volume): Lower: Not applicable

Upper: Not applicable

6. ACCIDENTAL RELEASE MEASURES:

This chemical is registered under the Toxic Substance Control Act Title 40 CFR Part 7-10

The information and recommendations contained herein are, to the best of our knowledge, accurate and reliable as of the last revision date. This document is offered in good faith.

We do not warrant or guarantee accuracy, reliability or completeness. It is the user's responsibility to satisfy as the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer warranty against patent infringement.

7. HANDLING AND STORAGE:

Spill, leak or release: No special procedure is required for clean up of spills of this material.

Waste disposal: This substance, when disposed of is not specially least as hazardous waste in Federal Regulation

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Engineering Controls: None. Magnetic Roach Food 2000 is not a Nuisance Dust.

Personal Protection:

Skin: Wear gloves, safety shoes, and regularly cleaned work clothing.

Eye: Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses while working with this substance

Inhalation: Ventilation may be used to control or reduce airborne dust concentration. If exposure limits may be exceeded, used NIOSH< MSHA, or OSHA approved respiratory.

Occupational Exposure Limits: None

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Black, odorless solid

Specific Gravity: 2.5 g/cc

Melting Point: 4262oF(2350oC)

Heat of Solution: N/A

Solubility in Water: Partially soluble in water with suspended and settled ingredients.

Hardness: Knoop 2800 .

Hardness: Mohs 9.6

Vapor Pressure: Not volatile

Vapor Density: Not volatile

% Volatile by Volume: 0%

Evaporation Rate: Not applicable

Viscosity, sus: Not applicable

PH: Not Applicable

10. Stability and reactivity

Stability: Stable

Condition to avoid: None special

11. TOXICOLOGICAL INFORMATION:

Routes of exposure

Ingestion: Not intended for ingestion

Skin: Slightly irritating; abrasive action may cause abrasions

Eye: Slightly irritating; abrasive action may cause damage to outer surface of eye.

Inhalation: During use of this material when particles are broken down, inhalation of the dust may cause respiratory tract irritation. Breathing of dust repeatedly, or for prolonged periods, may cause respiratory irritation and /or diseases

12. ECOLOGICAL INFORMATION:

It reacts with chlorine at 800°C to form BCl₃ and carbon

13. DISPOSAL CONSIDERATIONS:

Pesticide Disposal:

Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility.

Refer to Section 15 for additional regulatory information.

Container Disposal:

Do not reuse empty container. Securely wrap in newspaper and discard in trash.

14. TRANSPORT INFORMATION:

International Transportation: Magnetic Roach Food 2000 has no UN Number, and is not regulated under international rail, road, water or air transport regulations.

DOT Hazardous Classification: TDG Canadian Transportation:

Magnetic Roach Food 2000 is not regulated by the Magnetic Roach Food 2000 is not regulated U.S. Department of Transportation (DOT) and is therefore under Transportation of Dangerous Goods (TDG).

not considered a hazardous material / substance.

15. REGULATORY INFORMATION:

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16. OTHER INFORMATION:

References on Inorganic Borates: Product Label Text Hazard Information:

Refer to Material Safety Data Sheet Refer to EPA product specimen label for additional product of 20 mule team Boric Acid Manufacture Grade hazard and precautionary information.