

## MATERIAL SAFETY DATA SHEET

### MAGNAGLO® 20B

#### 1. IDENTIFICATION

COMPANY : ITW INDIA PRIVATE LIMITED  
ADDRESS : PLOT NO 51, 52,207 & 208, PHASE – 2, IDA  
TSIIC, PASHAMMYLARAM,  
Sangareddy – 502 307, TELANGANA  
INDIA.  
TELEPHONE : 91 – 8455 – 224710  
FAX : 91 – 8455 – 224709  
PRODUCT USE : Fluorescent Magnetic Particle Inspection  
PACKAGES : 1 kg,20 kg  
NFPA Rating : Health 2, Flammability 0, Reactivity 0.  
Revision Date : OCT 14, 2024.

#### 2. HAZARDS IDENTIFICATION

##### 2.1 Hazardous Identification: Classification of the substance or the Mixture

###### GHS Classification

Eye Irrit. 2A  
Repr. 1B  
STOT SE 3

##### 2.2 Label elements

###### GHS Labelling : Hazard Pictograms ( GHS )



#### **EMERGENCY OVERVIEW**

As a dry powder , 20B is a nuisance dust. When diluted for use , it is an alkaline solution.

#### POTENTIAL HEALTH EFFECTS

Skin Contact : Can irritate in dry powder form.  
Eyes : May irritate.  
Inhalation : Not significant because 20B is mixed with water when in use.  
Ingestion : Not significant in small (mouthful) quantities.  
*Medical conditions known to be aggravated by exposure to product: None*



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Telephone: +91 8455 224710, Facsimile: +91 8455 224709, Email: magnafluxinfo@magnafluxindia.com, Website: www.magnaflux.in

Regd. Office: ITW India Private Limited, Level 1, Lotus Plaza, 732/1, Mehrauli Gurgaon Road, Sector - 14, Gurgaon - 122 001, Haryana, India.

Telephone : +91 - 124 - 4284381, Facsimile : +91 - 124 - 4284389, E-mail : infoindia@itw.com

Corporate Identity Number (CIN) : U32301HR1979PTC038643

### 3. Composition / Information on Ingredients

**3.1 Substance** : Not Applicable

#### 3.2 Mixture:

Ingredient	Wt/Wt%	CAS#	TLV	PEL	LD 50	LC 50
Borax	60-100%	1303-96-4	10mg/m <sup>3</sup>	10mg/m <sup>3</sup>	2.6g/kg (oral/rat)	NA
Iron oxide	5-10%	1317-61-9	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	5g/kg (oral/rat)	NA
Poly (oxy – 1, 2-ethanediyl), (nonylphenl)—hydroxyl	0-5%	9016-45-9	NA	NA	2g/kg (oral/rat)	NA
5 – Decyne – 4,7–diol, 2,4, 7,9,-tetramethyl	1-5%	68551-13-3	NA	NA	1.2g/kg (oral/rat)	NA

### 4. FIRST AID

Skin Contact : Wash off with soap and water. Use soothing solution  
 Eyes : Rinse carefully under upper and lower eyelids using plenty of water  
 Inhalation : Not applicable  
 Ingestion : None

NOTE: In all severe cases, contact physician immediately.

### 5. FIRE HAZARD

Conditions of flammability : None  
 Flash point : None  
 Flammable limits in air : None  
 Extinguishing media : Not applicable  
 Special fire fighting procedures : None  
 Hazardous combustion products : None  
 Unusual fire hazards : None

### 6. ACCIDENTAL RELEASE MEASURES

Mop up or Sweep up (For disposal, see Section 13)

### 7. HANDLING AND STORAGE

Avoid eye contact. Avoid repeated or prolonged skin contact with aqueous 20B solution. Avoid breathing dust.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Controls : None  
 Personal protection : Wear Nitrile rubber gloves if hand exposure is unavoidable.

### 9. PHYSICAL PROPERTIES

Initial boiling point (bulk)	: None	Vapor pressure	: None
Percent volatile	: None	Vapor density	: Not applicable
Evaporation rate	: Not applicable	Water Solubility	: 3%
Appearance	: Brown powder	pH	: 9 (1% in water)
Odor	: None	Density/Sp.Gravity	: 1.2 (bulk)

### 10. STABILITY AND REACTIVITY

Stability : Stable  
 Incompatibility : None  
 Hazardous decomposition products : None  
 Reactivity : None



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#### 11. TOXICOLOGICAL INFORMATION

Carcinogenicity : Contains no known or suspected carcinogens listed with OSHA, IARC, NTP or ACGIH  
Threshold limit value : 5mg/cubic meter for respirable dust  
WHMIS information (Canada) : According to available information, the ingredients have not been found to show reproductive toxicity, Teratogenicity, Mutagenicity, Skin sensitization, or Synergistic toxic effects with other material.

#### 12. ECOLOGICAL INFORMATION

No data is available on 20B

#### 13. DISPOSAL

Dispose off as ordinary waste.  
RCRA : Not a hazardous waste  
US EPA Waste number : None

#### 14. TRANSPORTATION

##### U.S.DOT: 49 CFR 172.101 Hazardous Material Table

Proper shipping name : None, not restricted  
Hazard class or division : None  
Identification No. : None  
Packing Group : None

#### 15. REGULATORY INFORMATION

TSCA : All ingredients are listed in TSCA inventory.  
CERCLA : Not reportable  
SARA TITLE III, Section 313 : No reportable ingredients  
California Proposition 65 : Warning: this material may contain trace amount of chemicals known to the state of California to cause cancer and/or birth defects and / or reproductive harm

#### NFPA Rating :

Health 2  
Flammability 0  
Reactivity 0



#### 16. OTHER INFORMATION

Revision Statement : Periodic Review

MSDS/20B/8 dated 10/2024



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