MATERIAL SAFETY DATA SHEET

MAGNAGLO® 20B SPL

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 28, 2025.

2. HAZARDS IDENTIFICATION

2.1 Hazardous Identification: Classificatin 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 SPL 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 SPL 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

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 ^{3}	10mg/m ^{3}	2.6g/kg (oral/rat)	NA
Iron oxide	5-10%	1317-61-9	5mg/m ^{3}	5mg/m ^{3}	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 SPL 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
Percent volatile : None
Evaporation rate : Not applicable
Appearance : Brown powder
Odor : None
Vapor pressure : None
Vapor density : Not applicable
Water Solubility : 3%
pH : 9 (1% in water)
Density/Sp.Gravity : 1.2 (bulk)

10. STABILITY AND REACTIVITY

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

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 SPL

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 and incorporation of Registered office address change*

MSDS/20B SPL/3 dated 10/2025