**MATERIAL SAFETY DATA SHEET**

**MAGNAGLO ® 3410**

## 1. IDENTIFICATION

| | | |
|---|---|---|
| COMPANY | : | ITW INDIA PRIVATE LIMITED |
| ADDRESS | : | PLOT NO 51, 52,207 & 208, PHASE – 2, IDA<br>TSIIC, PASHAMMYLARAM,<br>Sangareddy – 502 307, TELANGANA<br>INDIA. |
| TELEPHONE | : | 91 – 8455 – 224710 |
| FAX | : | 91 – 8455 – 224709 |
| PRODUCT USE | : | Fluorescent Magnetic Particle Inspection |
| PACKAGES | : | 1 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 concentrate, 3410 is a nuisance dust. When diluted for use as per the prescribed concentration it is an alkaline solution**

**POTENTIAL HEALTH EFFECTS**

| | | |
|---|---|---|
| Skin Contact | : | Can irritate in powder form |
| Eyes | : | Gritty material may scratch the eye balls. |
| Inhalation | : | Not significant because 3410 is used only when mixed into a liquid vehicle |
| 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 | 15- 40% | 1303-96-4 | 10mg/m $^3$ | 10mg/m $^3$ | 2.6g/kg (oral/rat) | NA |
| Poly (oxy – 1, 2-ethanediyl), (nonylphenl)—hydroxyl | 3-7% | 9016-45-9 | NA | NA | 2g/kg (oral/rat) | NA |
| 5 – Decyne – 4,7–diol, 2,4, 7,9,-tetramethyl | 1-5% | 126-86-3 | NA | NA | NA | NA |

## 4. FIRST AID

Skin Contact : Rinse of with 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 breathing dust. Avoid eye contact with powder. Avoid repeated or prolonged skin contact with aqueous 3410 solution

## 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) | : | Not applicable | Vapor pressure | : | Not applicable |
| Percent volatile | : | None | Vapor density | : | Not applicable |
| Density/sp. gravity | : | 1.2 (bulk) | Evaporation rate | : | Not applicable |
| Water solubility | : | 2% | Appearance | : | Green powder |
| pH | : | 7 – 8 | Odor | : | None |

## 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 3410

## 13. DISPOSAL

Dispose off as ordinary waste.
Non hazardous waste as per classification in The Hazardous Wastes (Management and Handling) Rules 1989, of CPB, India

| | | |
|---|---|---|
| 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 | : | Contains nothing on this list |
| WHMIS Class (Canada) | : | Not a controlled product |

**NFPA Rating :**

Health 2
Flammability 0
Reactivity 0

## 16. OTHER INFORMATION

*Revision Statement* : *Periodic Review and incorporation of Registered office address change*

MSDS/3410/6 dated 10/2025