

## MATERIAL SAFETY DATA SHEET

### MAGNAGLO<sup>®</sup> 3410

#### 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  
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 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*



ITW India Private Limited, Plot No.51, 52, 207 & 208, Phase II, IDA, TSIIC, Pashammylaram, Sangareddy Dist.- 502 307, Telangana State, India

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	15- 40%	1303-96-4	10mg/m <sup>3</sup>	10mg/m <sup>3</sup>	2.6g/kg (oral/rat)	NA
Poly (oxy – 1, 2-ethanediy), (nonylphenyl)—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



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#### 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

MSDS/3410/5 dated 10/2024



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