

MATERIAL SAFETY DATA SHEET

MAGNAGLO® 14AM

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 : 20 L pails, Aerosol cans
NFPA Rating : Health 1, Flammability 1 (aerosol 4), Reactivity 0.
Revision Date : OCT 4, 2024.

2. HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS classification

Flam. Aerosol 2
Liquified gas
Simple Asphy
Asp. Tox.1

2.2 LABEL ELEMENTS

Hazard Pictograms (GHS) :



GHS02

GHS04

GHS08

Signal Word (GHS) : Danger
Hazard Statement (GHS) : Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May displace oxygen and cause rapid suffocation



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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.

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Corporate Identity Number (CIN) : U32301HR1979PTC038643



Precautionary statements (GHS) : Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurised container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wear eye protection/face protection. Avoid breathing dust/fumes/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention. If inhaled: Remove person to fresh air and keep comfortable.

EMERGENCY OVERVIEW
Bland oily liquid which may irritate the skin. Difficult to ignite ,but will burn vigorously if engulfed in fire.
Aerosol is extremely flammable

3. **Composition / Information on Ingredients:**

3.1 **Substance :**
Not Applicable

3.2 **Mixture**

Ingredient	Wt/Wt%	CAS#	TLV	PEL	LD 50	LC 50
Heavy normal paraffin	60-100%	64-742467	NA	NA	NA	NA
Isobutane (propellant) (aerosol only)	30%	75-28-5	NA	1000ppm	NA	NA

POTENTIAL HEALTH EFFECTS

Skin Contact : Can irritate by removing natural skin oils on long or repeated exposure.
Eyes : May irritate.
Inhalation : Not significant at room temperatures. When heated the vapors may cause dizziness and nausea
Ingestion : Not significant in small (mouthful) quantities.
Medical conditions known to be aggravated by exposure to product: None

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 : Remove to fresh air if dizzy or nauseated
Ingestion : Don't induce vomiting. Accidental ingestion of a small mouthful is not expected to cause significant harm

NOTE: In all severe cases, contact physician immediately.

5. **FIRE HAZARD**

Conditions of flammability : None unless heated over 93 deg C near ignition source
Flash point : Minimum 93 deg C (PMCC)
Flammable limits in air : 1% to 6%
Extinguishing media : Carbon dioxide, Foam
Special fire fighting procedures : Keep containers cool with water spray. Do not spray water directly on burning 14AM. It may float and spread the fire.
Hazardous combustion products : Smoke, soot, oxides of carbon and nitrogen
Unusual fire hazards : Aerosol cans may burst at temperatures over 54 deg C and spray contents into a fire

6. **ACCIDENTAL RELEASE MEASURES**

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

7. **HANDLING AND STORAGE**

Store away from heat source. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid breathing spray mist.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Controls : None unless sprayed. Use where ventilation will carry spray mist away from occupied areas.
 Personal protection : Wear safety glasses with side shields to protect eyes. Wear oil resistant gloves if hand exposure is unavoidable. Wear protective clothing such as long sleeves to minimize skin contact.

9. PHYSICAL PROPERTIES

Initial boiling point (bulk)	: Min 210 deg C.	Vapor pressure	: No data available
VOC content	: 349.61 g/L	Vapor density	: Heavier than air
Evaporation rate	: Negligible	Water Solubility	: 0 (Emulsifies into water)
Appearance	: Clear, Brown liquid	pH	: Neutral
Odor	: Oily odor	Density/Sp.Gravity	: 0.8

10. STABILITY AND REACTIVITY

Stability : Stable
 Incompatibility : None
 Hazardous decomposition products : Soot and oxides of carbon and nitrogen when burning
 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 oily mist
 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 14AM. It floats on water and can be skimmed off.

13. DISPOSAL

Dispose off as ordinary waste.
 Non hazardous waste as per classification in the Hazardous wastes(Management & 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

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

IATA : List of Dangerous goods

	Bulk	Aerosol
Proper shipping name	: None, not restricted	Aerosols, flammable
Hazard class or division	: None	2.1
Identification No.	: None	UN 1950
Packing Group	: None	-

IMDG : General Index

	Bulk	Aerosol
Proper shipping name	: None, not restricted	Aerosols
Hazard class or division	: None	2.1
Identification No.	: None	UN 1950
Packing Group	: None	-



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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

NFPA Rating:



Bulk



Aerosol pack

16. OTHER INFORMATION

Revision Statement : Periodic Revision.

MSDS/14AM/32 dated 10//2024



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