



## MATERIAL SAFETY DATA SHEET

### MAGNAVIS® MAGNETIC PARTICLE 9C RED

#### 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 : Magnetic Particle Inspection  
PACKAGES : 1 Kg pack  
NFPA Rating : Health 1, Flammability 0, Reactivity 0.  
Revision Date : OCT 28 , 2024.

#### 2. HAZARDOUS INGREDIENTS

Ingredient	Wt/Wt%	CAS#	TLV	PEL	LD 50	LC 50
Iron oxide	60-100%	1309-37-1	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	>5g/kg(Oral rat)	Not available

#### 3. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

As a dry powder concentrate, 9C Red is a nuisance dust. When diluted and used as specified, any hazards are due to the vehicle. See MSDS for WA-2B and Carrier II vehicle.

#### POTENTIAL HEALTH EFFECTS

Skin Contact : None  
Eyes : Gritty material may scratch eye balls.  
Inhalation : Not significant because 9C Red is used only when mixed into a liquid vehicle  
Ingestion : Not significant  
*Medical conditions known to be aggravated by exposure to product : None.*

#### 4. FIRST AID

Skin Contact : None  
Eyes : Rinse carefully under upper and lower eyelids using plenty of water.  
Inhalation : None  
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 : None  
Special fire fighting procedures : None  
Hazardous combustion products : None  
Unusual fire hazards : None

#### 6. ACCIDENTAL RELEASE MEASURES

Sweep up. (For disposal, see Section 13)



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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

## 7. HANDLING AND STORAGE

Avoid breathing dust.  
Keep dry.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Controls: 9C Red is dispersed in a vehicle when used. Controls should be those recommended for the vehicle (See MSDS of WA-2B or Vehicle Carrier II)

Personal protection: Respirator with filter if used in enclosed, unventilated space. Nitrile rubber gloves if hand exposure is unavoidable.

## 9. PHYSICAL PROPERTIES

<i>Initial boiling point (bulk)</i>	: Not applicable.	<i>Vapor pressure</i>	: Not applicable
<i>Percent volatile</i>	: None	<i>Vapor density</i>	: Not applicable
<i>Evaporation rate</i>	: Not applicable	<i>Water Solubility</i>	: 0 %
<i>Appearance</i>	: <i>Brown dusty powder</i>	<i>pH</i>	: <i>Neutral</i>
<i>Odor</i>	: None	<i>Density/Sp.Gravity</i>	: 5.5

## 10. STABILITY AND REACTIVITY

<i>Stability</i>	: Stable
<i>Incompatibility</i>	: Acids
<i>Hazardous decomposition products</i>	: None
<i>Reactivity</i>	: None

## 11. TOXICOLOGICAL INFORMATION

<i>Carcinogenicity</i>	: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP or ACGIH
<i>Threshold limit value</i>	: 5mg/cubic meter for respirable dust.
<i>WHMIS information (Canada)</i>	: 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 9C Red

## 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

	<b>Bulk</b>
<i>Proper shipping name</i>	: None, not restricted
<i>Hazard class or division</i>	: None
<i>Identification No.</i>	: None
<i>Packing Group</i>	: 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.
WHMIS Class (Canada)	:	Not a controlled product.

NFPA Rating :



#### 16. OTHER INFORMATION

*Revision Statement* : *Periodic Revision*

MSDS/9C Red/06 dated 10/2024



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