

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
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PRODUCT USE : Magnetic Particle Inspection
PACKAGES : 1 Kg pack
NFPA Rating : Health 1, Flammability 0, Reactivity 0.
Revision Date : April 1, 2020.

2. HAZARDOUS INGREDIENTS

| Ingredient | Wt/Wt% | CAS# | TLV | PEL | LD 50 | LC 50 |
|------------|---------|-----------|--------------------|--------------------|------------------|---------------|
| Iron oxide | 60-100% | 1309-37-1 | 5mg/m ³ | 5mg/m ³ | >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)

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

| | |
|--------------------------------------|-------------------------|
| <i>Dispose off as ordinary waste</i> | |
| <i>RCRA</i> | : Not a hazardous waste |
| <i>US EPA Waste number</i> | : None |

14. TRANSPORTATION

U.S.DOT: 49 CFR 172.101 Hazardous Material Table

| | |
|---------------------------------|------------------------|
| | Bulk |
| <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 |

15. REGULATORY INFORMATION

| | |
|------------------------------------|---|
| <i>TSCA</i> | : All ingredients are listed in TSCA inventory. |
| <i>CERCLA</i> | : Not reportable |
| <i>SARA TITLE III, Section 313</i> | : No reportable ingredients |
| <i>California Proposition 65</i> | : Contains nothing on this list. |
| <i>WHMIS Class (Canada)</i> | : Not a controlled product. |

Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. OTHER INFORMATION

Revision Statement : *Updated the address*

MSDS/9C Red/04 dated 04/2020

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