



SAFETY DATA SHEET

Oxide Isolator/Neutralizer Fluid

COMPANY DETAILS

Processor's Name: RA-4
Address: 49 Dr AD Keet Street
Wavecrest
Jeffrey's Bay
6330
Tel: 076 593 2360
Website: www.ra4.co.za
Emergency Phone Number: 071 115 7327
E-mail Address: ernu@ra4.co.za

1. PRODUCT NAME

Trade Name: RA-4 (Normal Action)
Product Code: RA-4D

2. PRODUCT USE

RA-4D fluid consists of a mixture of various substances to be used as a rust isolator/neutralizer paint primer for purposes of saving maintenance costs and to extend the lifespan of existing metal structure.

3. COMPOSITION OF MIXTURE

Liquid Form:

| | |
|--|-------|
| Oily fluid extract (decomposed organic matter) | < 55% |
| Resin binder blend | <16% |
| Ricinoleic acid blend | < 5% |
| Liquid paraffin blend | < 4% |

Hazardous Substances:

| | |
|---------------------|---|
| EEC Classification: | NOT HAZARDOUS: follow processor's instructions. |
| Risk Phrases: | N/A |
| Safety Phrases: | R36 /37/38 |
| | S2 Keep out of reach of children |
| | S26 In case of contact with eyes, rinse immediately with plenty of clean water and Seek Medical Advice. |

Chronic Effects: Unknown, Not Found.





4. HAZARDS IDENTIFICATION:

| | |
|-----------------------------|--|
| Main Hazard: | Corrosive irritating |
| Flammability: | Non-flammable |
| Chemical Hazard: | Non-irritant |
| Biological Hazard: | Biodegradable |
| Reproduction Hazard: | Nil |
| Eye effect: | Eyes: Non-Irritant |
| Health effect: | Skin: Non-Irritant |
| Health effect: | Ingestion: Non-Irritant |
| Health effect: | Inhalation: Non-Irritant. |
| Mutagenicity: | No ingredients are classified as such. |
| Neurotoxicity: | No ingredients are classified as such. |

5. FIRST AID MEASURES:

| | |
|--------------------|--|
| Eyes: | Rinse eyes with clean water and soap if necessary. |
| Skin: | Rinse skin with clean water and soap, if necessary. Launder contaminated clothing before re-use. |
| Inhalation: | Non-Irritant. |
| Ingestion: | DO NOT INDUCE VOMITING. Drink large quantities of water and seek medical attention immediately. |

Overexposure Will Not Aggravate Medical Conditions Generally: See above.

6. FIRE FIGHTING MEASURES:

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|-----------------------------------|---|
| Flash Point (Test Method): | None (Tag Closed Cup ASTM D 56) |
| Special Hazards: | Non-Flammable. Fire conditions can release flammable gases. Floors may become slippery. Unauthorized personnel keep away from affected area |
| Protective Clothing: | Wear SCBA respirators and protective clothing when fighting chemical fires. |
| Extinguishing Media: | Dry sand, carbon dioxide, dry chemical, water spray. |

7. ACCIDENTAL RELEASE MEASURES:

| | |
|------------------------------|--|
| Personal precautions: | Floors may become slippery. Wear protective clothing. Unauthorized personnel keep away from affected area |
| Small spills: | Absorb with inert material and place in a waste container. Wash area well with water and a soft detergent. |
| Large spills: | Stop leak if possible. Dyke spill area to prevent entry into sewers or waterway. Absorb with inert material and place in a waste container for disposal. Flush area with plenty of water and soft detergent. |





8. HANDLING AND STORAGE:

Control Measures in a Working Environment

- Eye Protection: Keep an eyewash easily available for emergency situations.
- Ventilation: Normal ventilation.
- Skin Protection: Wear gloves and rubber boots or industrial shoes to contain large spillages.
- Respiratory Protection: None required.

Control Measures by end user

- Wear gloves when handling product.
- Suitable material: Plastic containers and caps.
- Avoid Storage in Direct Sunlight.
- Do Not Blend With Other Substances.

9. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

| | |
|--------------------------------------|------------------------------------|
| Occupational Exposure Limits: | Nil |
| Engineering Control Measures: | Not required |
| Personal Protection: | Wear gloves when handling product. |
| Other Protection: | None |

10. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------|------------------------------|
| Appearance: | Brown/reddish viscous liquid |
| Boiling Point: | CA 100 |
| Melting Point: | N/A |
| Flash Point: | N/A |
| Neurotoxicity: | Unknown |
| Flammability: | Non-flammable |
| Auto Flammability: | Unknown |
| Explosive Properties: | Unknown |
| Oxidising Properties: | Unknown |

11. STABILITY AND REACTIVE

Storage indoors at room temperature should not cause any instability.
Storage conditions: Cool, avoid direct sunlight.

12. TOXICOLOGICAL INFORMATION

Effects of Acute Exposure:

Fumes produced during extreme heat or fire, may ignite.
Ingestion may cause slight gastric discomfort, if any.

Effects of Chronic Exposure:

There is no evidence that the product is mutagenic, carcinogenic or dermatogen.





13. ECOLOGICAL INFORMATION

Undiluted product: Biodegradable

DO NOT DISPOSE into the soil, the product may leach into groundwater.

14. DISPOSAL CONSIDERATIONS

Waste disposal in accordance with local regulations. Empty containers may be re-used.

15. TRANSPORT INFORMATION

Non-hazardous for transport purposes.

16. REGULATORY INFORMATION

| | |
|-----------------------------------|-------------|
| EEC hazard classification: | N/A |
| Risk Phases: | R 36 /37/38 |
| Safety Phases: | S2 and S26 |
| National Legislation: | N/A |

Disclaimer

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