

EG Safety Data Sheet

Date: June 9th. 2004

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1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Trade name: FERTAN

Product type and use : Rust converter

Seller: FERTAN® Korrosionsschutz Vertriebsgesellschaft mbH Deutschland
Dresdener Strasse 8
66113 Saarbruecken – Deutschland
Telefon: 0681 – 710 – 46
Telefax: 0681 – 710 – 48
e-mail: Info@fertan.de info@fertan.co.uk

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

CAS: 7664-38-2 EINECS:	phosphoric acid C; R 34	< 5 %
CAS: 10196-1 EINECS:	Zinc nitrate O-Xn; R 8-22-36/37/38	2,5 – 5 %
CAS: 67-63-0	Isopropyl alcohol F-Xi	5 – 15 %
CAS: 1569-02-4 EINECS: 203-905-0	Ethoxypropanol -; R 10	2,5 – 10 %

3.0 HAZARDS IDENTIFICATION

None if used for intended purpose

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4.0 FIRST AID MEASURES

- Contact with skin:** Rinse with running water.
- Contact with eyes:** Rinse immediately with plenty of clean water for at least 15 minutes and if necessary seek medical advice by an oculist.
- Swallowing:** wash mouth out with clean water, drink plenty of clean water and see a physician.
- Inhalation:** Remove the patient to fresh air.

5.0 FIRE-FIGHTING MEASURES

- Recommended extinguishers:**
In case of fire, use CO₂, water, foam or dry extinguisher
- Extinguishers not to be used:**
None in particular
- Risks arising from combustion:**
Special exposure hazards arising from the product itself, from combustion products or from resulting gases. In case of fire can be released PO_x and CO_x
- Protective equipment:**
Special protection equipment for firefighters: wear suitable protective clothing..

6.0 ACCIDENTAL RELEASE MEASURES

- Personal measures:**
Use suitable protective clothing.
- Environmental measures:**
Limit leakages with earth or sand.
Do not allow to enter drainage system, surface or groundwater .
- Cleaning methods:**
Absorb or collect spilled product with absorbing material, wash with water.

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7.0 HANDLING AND STORAGE

Handling precautions:

Keep dust formation and deposit to a minimum
Ensure good ventilation/suction at the workplace.

Incompatible materials:

None in particular.

Storage conditions:

Store in a dry place
Keep containers tightly closed.

Instructions as regards storage premises:

Cool and adequately ventilated.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use adequate protective respiratory equipment e.g. CEN/FFP-2(S) oder CEN/FFP-3(S).

Protections for hands:

Use protective gloves that provides comprehensive protection,
e.g. PVC, rubber or neoprene .



Eye protection:

Use close fitting safety goggles .

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber,
PVC.

Exposure limit(s) (ACGIH):

None.

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9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	liquid
Colour:	dark brown
Odour:	characteristic
Flash point:	92° C
Solubility in water:	soluble (20° C)
Relative density:	1.17 g/ml (20° C.)
pH:	approx. 2

10.0 STABILITY AND REACTIVITY

Conditions to avoid: High temperatures

Substances to avoid: alkali, oxidizing agents.

Hazardous decomposition products: In case of fire PO_x and CO_x can be released.

11.0 TOXICOLOGICAL INFORMATION

In case of appropriate handling and application no disadvantageous effects for health has been reported.

12.0 ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

Persistence and degradability:

Degradability:

The product contains non-ionic surfactants, which are not at least 80% biodegradable.

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13.0 DISPOSAL CONSIDERATIONS

Recover, if possible.
Send to authorised disposal plants or for incineration under controlled conditions.
In so doing, comply with the local and national regulations currently in force.

14.0 TRANSPORT INFORMATION

UN – number:
Road/Rail (RID/ADR)
Class/Division:
Hazard identification:
Label n°.:
TREM CARD n°.:
AIR (ICAO/IATA)
Class.:
Label n°.
Packing group:
Packing instructions:
Packing instructions:
SEA (IMO/MDG code)
Class:
Pag.IMDG:
Label n°.:
Packing group:
Ems(n°):
MFA G(table):
Marine pollutant:

Not a hazardous material according to :

RID/ADR, GGVS/GGVE, ADNR, ICAO-IATA-DGR

15.0 REGULATORY INFORMATION

88/379/EEC (Classification and labelling)

Symbols:

None

R phrases acc. 88/379/EEC

R phrases: None

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S phrases:

S phrases: None

16.0 OTHER INFORMATION

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the Product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.