



MSDS OF 29 July 2008, Rev. 1 del 20/03/12

1. IDENTIFICATION OF THE SUSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKIG

Trade name: **ECTOR® RP-10**

Article number: ----

Product type and use: **TREATMENT FOR POROUS SURFACES**

Supplier:
R. & R. Group Srl
Via Foscari, 8
36016 THIENE (VI)

Emergency phone number
R. & R. Group Srl
Tel.: 0445/366572 – fax: 0445/360004 (office hours)
e-mail: info@rergrupsrl.com
Centre Nat. Emergency Poison - Pavia-tel 0382/24444

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification of the substance or mixture according to Directive 67/548/EEC and Directive 1999/45/EC

NOT DANGEROUS

2.2 Label elements

None

2.3 Other hazards

No special hazards known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Preparation of modified hybrid materials in water solution.

It does not contain substances harmful to health in accordance with Directive 67/548/CEE as amended, or for which exposure limits are recognized that require the preparation of the product safety data sheet in accordance with the provisions of Regulation (CE) 1907/2006.



4. FIRST AID MEASURES

4.1 Description of first aid measures

Contact with skin

Remove any contaminated clothing
Wash with plenty of water.
If irritation persists, CALL A PHYSICIAN IMMEDIATELY

Eye contact

Wash immediately with plenty of water. Keep eyelids open for at least 10 minutes. If necessary SEEK MEDICAL EXAMINATION.

Ingestion

Immediately drink plenty of water. DO NOT induce vomiting. CONSULT A PHYSICIAN IMMEDIATELY.

Inhalation

Ventilate the premises. Immediately remove the patient from the contaminated premises to rest in a well ventilated area. If symptoms persist, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIRE-FIGHTING MEASURES

The product is not flammable

5.1 Suitable extinguishing media:

In case of fire, use CO₂, foam, chemical powders, depending on the materials involved in the fire.

5.2 Unsuitable extinguishing media

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5.3 Special risks:

-

5.4 Protective equipment:

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5.5 Additional precautions:



6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Do not inhale vapours/aerosols. Ensure adequate ventilation in enclosed areas.

6.2 Environmental precautions:

Avoid the product to drain into sewage system.

6.3 Methods for cleaning up:

Ensure adequate ventilation. Collect leaking and spilled liquid in sealable containers as far as possible. Wash away the residue with plenty of water. Dispose contaminated materials as waste, according to point 13 of this MSDS

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure good ventilation at the workplace. Keep the product away from heat, sparks and other ignition sources. Do not smoke. Protect against electrostatic charges.

7.2. Conditions for safe storage, including any incompatibilities

Store containers in well ventilated areas. Protect against frost.

7.3. Specific end use

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8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

Not available

8.2 Exposure control

General protection and hygiene measures:

Protective clothing should be selected specially for the working place, depending on the concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective suppliers.

The usual precautionary measures for handling chemicals should be observed.

- keep away from food and drink
- immediately remove contaminated clothing
- do not inhale gas/fumes/aerosols,
- avoid skin contact
- avoid eye contact

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

Avoid production and diffusion of mist and aerosols

**Respiratory protection:**

Required when vapors/aerosols are generated.

Hand protection:

Use protective gloves

Eye protection:

Safety goggles or face splash protection.

Skin protection:

Apply a barrier-cream. Wash your hands after handling the substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	colorless to pale yellow liquid
Odour:	nearly odourless
pH:	~ 3÷5 (500 g/l – 20°C)
Melting point:	not applicable
Boiling point:	97°C
Flash point:	>66°C
Ignition temperature:	not applicable
Explosive properties:	Possible formation of explosive vapor-air mixture
Explosion limit:	not available
Oxidation properties:	not available
Vapour pressure:	not available
Density:	~ 1 g/cm ³ (20°C)
Water solubility:	Soluble (20°C)
Lipid solubility:	not available
Partition coefficient (n-octanol/water) :	not available
Vapour density:	not available
Dynamic viscosity:	~ 1,6 mPas

10. STABILITY AND REACTIVITY**10.1 Reactivity**

Non-reactive

10.2 Chemical stability

Stable under normal conditions of use

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

None



10.5 Incompatible materials

Non-reactive

10.6. Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION

There are no toxicological data on the product itself. The product may cause irritation to skin and eyes after contact. Possible irritation by longer exposure to vapors.

12. ECOLOGICAL INFORMATION

Use according to good working practices, avoiding release of the product into environment.

12.1. Toxicity

Not available

12.2. Persistence and degradability

Not available

12.3. Bioaccumulative potential

Not available

12.4. Mobility in soil

Not available

12.5. Results of PBT assessment

Not available

12.6. Other adverse effects

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Chemical residues are generally classified as special waste and as such, their disposal is regulated by law. For more information on disposal, contact the competent authorities or companies for special waste.

Contaminated packaging

Handle contaminated containers and treat the same way as the substance itself. Handling of containers after emptying and cleaning up: you should not remove any label and hazard symbol.



14. TRANSPORT INFORMATION

ADR - RID: not applicable

IMDG : not applicable

ICAO/IATA : not applicable

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Directive 1999/45/EC, as amended;
- Directive 67/548/EEC and subsequent amendments and adjustments (technical adjustment XXIX);
- Regulation (EC) 1907/2006 of the European Parliament (REACH).
- Regulation (EC) 1278/2008

15.2 Chemical Safety Assessment

No data available

16. FURTHER INFORMATION

Main literature sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
ACGIH - Treshold Limit Values - 2011 edition

Note to users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .
They refer only to the specific product.

The product should not be used for purposes other than those indicated and without having obtained written instructions. No liability for any misuse.
It's always users's responsibility to comply with hygiene, safety and environmental protection, provided by current laws.



The information contained herein are meant as a description of the characteristic of the product for safety, they are not to be considered as guarantee of the properties of the product itself.

This sheet supersedes all previous editions.