

MATERIAL SAFETY DATA SHEET - according to european directive 2006/8/EC
and Regulation n. 1907/2006

Manufactured by: HARPO spa – **Rialto** division 34123 Trieste - Italy
Tech. Sheet N°: 59/F/RI
Product name: **RIALTO DEUMIDIFICANTE UD**
Revision nr. 5 dated: 01.10.2008



01. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

1.1 Identification of the substance or preparation:

Product name: Rialto Deumidificante UD.

1.2 Use of the substance/preparation:

Intended use: Rialto Deumidificante UD is a perfect dehumidifying solution.

Chemical name and synonym: Mix of marble - sand

1.3 Company Identification:

Name: HARPO spa.

Full address: Via Torino, 34

34123 - Trieste, Italy,

District and Country: tel. +39 040 3186611, fax +39 0403186666

E-mail address of the competent person responsible for the Safety Data Sheet: rialto@rialto-colors.com (rif. Dr. Renni – technical manager)

Product distribution by: Harpo spa

1.4 Telephone number for urgent inquiries: + 39 040 2397211 (timetable: 8.00 – 16.30)

02. HAZARD IDENTIFICATION

None.

03. COMPOSITION/INFORMATION ON INGREDIENTS

None.

04. FIRST AID MEASURES

No harm to the staff authorised to use has been reported. However, in case of contact, inhalation or ingestion, the following general measures provided for a first aid shall be taken.

INHALATION: remove to fresh air. If respiration is difficult, administer artificial respiration and seek medical advice.

INGESTION: seek medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

EYES and SKIN: wash with plenty of water; if the irritation persists, seek medical advice.

05. FIRE FIGHTING MEASURES

Allow containers to cool in order to avoid product decomposition and generation of substances which might injure the health and be dangerous for safety reasons. Wear the fire equipment all the time.

06. ACCIDENTAL RELEASE MEASURES

Collect the largest amount of the solid product with mechanical tools. Avoid the formation of dust spraying the product with moist cleansing agents or water.

07. HANDLING AND STORAGE

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values:

CALCIUM CARBONATE

- TLV TWA

10

mg/m³

ACGIH

- The data refer to the substance and not to the mixture.

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8.2 Exposure controls:

In order to minimize exposure as far as possible, it is strongly recommended to use adequate individual protective measures, such as: masks suitable for the product, goggles, gloves and overall.



Do not eat, drink or smoke while handling it. Accurately wash the hands with soap and water before meals and at the end of the work shift.

09. PHYSICAL AND CHEMICAL PROPERTIES

Odour	Slight
Colour	Grey colour
Physical appearance	Sand
Solubility in solvents	N.A.
Solubility in water	Dispersible
Volatile substances % by volume (solvents)	N.A.
Hazardous reactions	None.
Viscosity	N.A.
Vapour density	N.A.
Evaporation speed	N.A.
Comburent properties	N.A.
Partition coefficient: n-octanol/water	N.A.
pH	N.D.
Boiling point	N.A.
Flash point	N.A.
Explosive properties	N.A.
Vapour pressure	N.A.
Specific gravity	N.A.

10. STABILITY AND REACTIVITY

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released. The product reacts to strong bases.

11. TOXICOLOGICAL INFORMATION

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

12. ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

13. DISPOSAL CONSIDERATIONS

Consider the possibility of burning the product in a suitable incinerator. Acid or basic products must always be neutralized before undergoing any treatment, including biological treatment whenever feasible. If the waste is solid, it can be disposed of in a landfill.

14. TRANSPORT INFORMATIONS

This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

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15. REGULATORY INFORMATION

Warning symbols: None
Hazard sentences (R): None
Caution recommendations (S): None

This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments (directive 2006/8/EC and regulation 1907/EC).
DIRECTIVE 2004/42/EC: this product is not included.

16. FURTHER INFORMATIONS

None.

GENERAL BIBLIOGRAPHY

1. Regulation 1999/45/CE and following amendments;
2. Regulation 67/548/CEE and following amendments and adjustments (technical adjustment XXVIII);
3. Regulation 91/155/CEE and following amendments;
4. The Merck Index. - 10th Edition;
5. Handling Chemical Safety;
6. Niosh - Registry of Toxic Effects of Chemical Substances;
7. INRS - Fiche Toxicologique (toxicological sheet);
8. Patty - Industrial Hygiene and Toxicology;
9. N.I. Sax-Dangerous properties of Industrial Materials-7, 1989 Edition;

Note for 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. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Changes to previous review
The following sections were modified:
01/ 02 / 03 / 08 / 15 / 16