

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°: 31A/P/RI
Product name: **RIALTO NEUTRAL K1**
Revision nr. 6 dated: 01.10.2008

01. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

1.1 Identification of the substance or preparation:

Product name: Rialto Neutral K1.

1.2 Use of the substance/preparation:

Intended use: Rialto Neutral K1 is an alkaline plugging neutralizing solution.
Chemical name and synonym: Alkaline neutralizer.

1.3 Company Identification:

Name: HARPO spa.
Full address: Via Torino, 34
34123 - Trieste, Italy,
tel. +39 040 3186611, fax +39 0403186666
District and Country:

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
For urgent inquiries refer to: + 39 040 2397211 (timetable: 8.00 – 16.30)

02. HAZARD IDENTIFICATION

This compound is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments (Directive 2006/8/CE). Nevertheless, this product contains substances in concentrations that must be declared in section No. 3 and requires a safety data sheet containing all the information required under the Regulation (EC) 1907/2006 and subsequent amendments.

03. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Concentr.(C)	Classification
Sodium carbonate N°Cas 497 – 19 - 8 N°CE 207 – 838 - 8 N°Index 011 – 005 – 00 - 2	2,00 – 5,00 %	Xi R36

The complete text of -R- phrases is specified in section 16.

04. FIRST – AID MEASURES

EYES: Irrigate copiously with clean, fresh water for at least 15 minutes. Seek medical advice.

SKIN: Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists seek medical attention. Wash contaminated clothing before using them.

INHALATION: Remove to fresh air. If breathing is irregular seek medical advice.

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



In all cases of doubt or if symptoms persist, resorting to medical care.
Never give anything by mouth, if the person is unconscious.

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.

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06. ACCIDENTAL RELEASE MEASURES

Limit leakages with earth or inert material. Remove most of the product and then rinse the involved area by jets of 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:

SODIUM CARBONATE

- TLV TWA 10 mg/m³ ACGIH

* The data refer to the substance and not to the mixture

8.2 Exposure controls:

Follow the good industrial hygiene practices adopting suitable individual protective measures such as gloves and overalls. Do not eat or smoke while handling the product. Wash hands before eating and at the end of the work shift. Periodic health controls are recommended at the discretion of the doctor.

09. PHYSICAL AND CHEMICAL PROPERTIES

Odour	Odourless
Physical appearance	Blu liquid
Solubility in water	Completely soluble
Volatile substances % by volume (solvents)	90%
Viscosity	350 ± 50 mPas
Vapour density	> 1
Evaporation speed	< 1
Comburent properties	N.D.
Partition coefficient: n-octanol/water	N.D.
pH	10-11
Boiling point	c.a.100°C
Flash point	N.D.
Explosive properties	N.D.
Vapour pressure	3,2 KPa
Specific gravity	ca 1,020 Kg/l

10. STABILITY AND REACTIVITY

The product is stable in normal conditions of use and storage. Due to thermal decomposition or in the event of a fire vapours may be produced potentially dangerous to health.

11. TOXICOLOGICAL INFORMATION

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This preparate may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

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.

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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.

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).

Contains: biodegradable nonionic surfactants (average 90% min.).

DIRECTIVE 2004/42/EC: this product is not included.

16. FURTHER INFORMATIONS

Text of -R- phrases quoted in section 3 of the sheet.

R36 IRRITATING TO EYES.

GENERAL BIBLIOGRAPHY

1. Regulation 2006/8/CE
2. Regulation 1999/45/CE and following amendments (technical adjustment XXX);
3. Regulation 67/548/CEE and following amendments and adjustments (technical adjustment XXVIII);
4. Regulation 91/155/CEE and following amendments;
5. Regulation (EC) 1907/2006 and subsequent amendments.
6. The Merck Index. - 10th Edition;
7. Handling Chemical Safety;
8. Niosh - Registry of Toxic Effects of Chemical Substances;
9. INRS - Fiche Toxicologique (toxicological sheet);
10. Patty - Industrial Hygiene and Toxicology;
11. 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