

Safety Data Sheet

DATE : 01 : 10 : 2002

REVISION (see box 16)

ISSUE NO : 04

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

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| PRODUCT NAME | : SP 800 |
| DESCRIPTION | : White, odourless crystals in tablet form. Used for the regeneration of water softeners. |
| COMPANY | : Rentokil Initial UK Ltd, Hygiene Division, Felcourt, East Grinstead, West Sussex. RH19 2JY. England. Telephone: +44 (0)1342 833022 Facsimile: +44 (0)1342 326229. |

2. HAZARDS IDENTIFICATION

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| CLASSIFICATION OF PRODUCT (SUPPLY - Use) | UK CHIP 3 (The Chemicals (Hazard Information and Packaging for Supply) Regulations, 2002) / EC Directive 1999/45. | DANGER SYMBOL (UK CHIP 3) : |
| NOT CLASSIFIED | | NOT REQUIRED |
| ADVERSE PHYSICOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS (see also box 11) : | | |
| In the event of a fire toxic fumes may be liberated. | | |
| May be irritating to skin and eyes especially on prolonged contact. Ingestion of large quantities may cause vomiting, diarrhoea, muscular twitching and rigidity, dehydration of internal organs, convulsions and death may occur. Inhalation may be irritating to the respiratory system. | | |
| Adverse effects on the environment are unlikely, provided that the product is used as intended. | | |

3. COMPOSITION / INFORMATION ON INGREDIENT(S)

| % w/w | COMMON*/CHEMICAL NAME, ELINCS / EINECS AND CAS No OF INGREDIENT(S) | UK CHIP 3 / EC 1999/45 CLASSIFICATION OF INGREDIENT(S) |
|------------|--|--|
| > 50 ≤ 100 | Sodium chloride EINECS: 231-598-3 CAS: 7647-14-5 | Not classified. |

4. FIRST-AID MEASURES (see also "adverse effects" in box 2)

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| INHALATION (Breathing) | : Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention. |
| EYE CONTACT | : Rinse affected eye with clean running water, or eyewash solution, for at least 15 minutes holding eyelids well apart. Rinse entire surface and do not allow run-off to contaminate unaffected eye. Seek medical attention. |
| SKIN CONTACT | : Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice. |
| INGESTION (Swallowing) | : Do NOT induce vomiting. If unconscious place in the recovery position and apply supportive measures if necessary. If conscious give patient up to 1 pint of water to drink. Seek medical attention. |
| EMERGENCY EQUIPMENT SUGGESTED | : Appropriate first-aid equipment should be provided. For the UK this should be in accordance with the Health & Safety (First-Aid) Regulations 1981. See also the Approved Code of Practice "First-aid at Work". |
| NOTE TO DOCTOR | : For further information contact the National Poisons Information Service in the UK. |

5. FIRE-FIGHTING MEASURES

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| FIRE EXTINGUISHER - TYPES | : Use water-spray, carbon dioxide, dry powder or foam. |
| SPECIAL FIRE-FIGHTING PROCEDURES | : Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes and the inhalation of any toxic fumes. |
| SPECIAL EXPOSURE HAZARDS | : In the event of a fire toxic fumes may be liberated. |

6. ACCIDENTAL RELEASE MEASURES

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| PERSONAL PRECAUTIONS (see also box 8) | : Wear suitable personal protective equipment. |
| PROCEDURE (see also box 13) | : Describe method of clean-up after spill - use standard words unless different: Absorb spill with an inert material such as sand, earth or sawdust. Transfer to a suitable container for subsequent disposal. DO NOT contaminate watercourses or ground. |

7. HANDLING AND STORAGE (see also box 8)

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| HANDLING | : Wear suitable personal protective equipment. |
| STORAGE | : Absorb spill with an inert material such as sand, earth or sawdust. Transfer to a suitable container for subsequent disposal. DO NOT contaminate watercourses or ground with large quantities of undiluted product. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (see also box 7)

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| OCCUPATIONAL EXPOSURE LIMITS | : OES for total inhalable dust is 10 mg/m ³ long-term exposure (8 hour Time Weighted Average) and 4 mg/m ³ for respirable dust long-term exposure (8 hour TWA). |
| ENGINEERING CONTROLS | : Where prevention of exposure is not reasonably practicable, adequate control of exposure should be achieved by engineering controls rather than the provision of personal protective equipment and clothing. More specific details cannot be given without carrying out a full risk assessment for each and every use scenario. Suitable and approved personal protective equipment and clothing may include the following item(s): |
| EYE PROTECTION | : Wear suitable eye protection such as goggles. |
| HAND PROTECTION | : Wear suitable hand protection such as chemical-resistant gloves. |
| SKIN PROTECTION | : Wear suitable skin protection such as coveralls. |
| BREATHING PROTECTION | : Not required unless natural ventilation is inadequate, then wear suitable respiratory protection. |
| ENVIRONMENTAL EXPOSURE CONTROLS | : Product should be used in accordance with instructions given in Hygiene Technical Manual and any spillage should be dealt with as a priority in order that contamination of watercourses or ground is avoided. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| APPEARANCE AND ODOUR | : White, odourless crystals in tablet form. | | |
| FLASH POINT | : Not applicable. | SOLUBILITY IN WATER | : Soluble. |
| FLAMMABILITY | : Non-flammable. | SOLUBILITY IN FAT | : Very slightly soluble in alcohol. |
| AUTOFLAMMABILITY | : Not applicable. | PARTITION COEFFICIENT | : Product will partition predominantly to the aqueous phase. |
| VAPOUR PRESSURE | : Not applicable. | BOILING POINT/RANGE | : 1413 ^o C |
| SPECIFIC GRAVITY | : Not applicable. | MELTING POINT/RANGE | : 804 ^o C |
| OXIDISING PROPERTIES | : None known. | pH | : Not applicable. |
| EXPLOSIVE PROPERTIES | : None known. | VAPOUR DENSITY | : Not applicable. |
| VISCOSITY | : | EVAPORATION RATE | : Not applicable. |
| OTHER DATA | : None known. | | |

10. STABILITY AND REACTIVITY

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| CONDITIONS TO AVOID | : Avoid extremes of temperature, eg. below 0°C and above 40°C. |
| MATERIALS TO AVOID | : Avoid contact with strong oxidising agents. |
| HAZARDOUS BREAKDOWN PRODUCTS | : In the event of a fire toxic fumes may be liberated. |

11. TOXICOLOGICAL INFORMATION (see also box 2)

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| ACUTE TOXICITY | Oral | : LD ₅₀ oral (rat) : sodium chloride : 3000 mg/kg. Ingestion of large quantities may cause vomiting, diarrhoea, muscular twitching and rigidity, dehydration of internal organs, convulsions and death may occur. |
| | Inhalation | : No data available. |
| | Dermal | : No data available |
| CORROSIVITY / | Skin | : Dry product and strong solutions will remove natural greases from the skin resulting in dryness, prolonged or repeated contact may cause irritation. |
| IRRITATION | Eyes | : High concentrations will cause irritation to eyes especially on prolonged contact. |
| | Respiratory tract | : High concentrations of dust will irritate respiratory tract. |
| SENSITISATION | Skin | : Contains no known skin sensitisers. |
| | Respiratory | : Contains no known respiratory sensitisers. |
| REPEATED-DOSE TOXICITY | | : Product does not contain any components known to have any effects relating to repeated-dose toxicity. |
| MUTAGENICITY | | : Product does not contain any components known to have a mutagenic effect. |
| CARCINOGENICITY | | : Product does not contain any components known to have a carcinogenic effect. |
| REPRODUCTIVE TOXICITY | Fertility | : Product does not contain any components known to be toxic to the reproductive system, and having effects on fertility. |
| | Developmental | : Product does not contain any components known to be toxic to the reproductive system, and having effects on development |
| OTHER INFORMATION | | : No specific antidote known. Ingestion of hypertonic solutions can cause disturbance of the body electrolyte and fluid balance. |

12. ECOLOGICAL INFORMATION

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| GENERAL INFORMATION | : The full ecotoxicological profile of this product has not been evaluated. Do not contaminate the environment. |
| ECOTOXICITY DATA | : Fish LC ₅₀ (96hr) : 6750 mg/l <i>Daphnia</i> EC ₅₀ (48 hr) : 2024 mg/l Algae LC ₅₀ (72 hr) : 3014 mg/l |
| MOBILITY (of appropriate constituents) | : Readily soluble in water. |
| PERSISTENCE AND DEGRADABILITY (of appropriate constituents) | : This is an ionic material and not easily degradable. |
| BIOACCUMULATIVE POTENTIAL (of appropriate constituents) | : No data available |
| ENVIRONMENTAL CONSIDERATIONS | : DO NOT contaminate watercourses or ground. This product does not contain any substances that are classified as dangerous to the environment. Thus, when supplied, used and disposed of as directed this product is not expected to present a danger to the environment. |
| OTHER ADVERSE EFFECTS | : None known. |

13. DISPOSAL CONSIDERATIONS

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| DISPOSAL OF WASTE | : Waste should be disposed of in accordance with local, State or National requirements. |
| DISPOSAL OF CONTAINERS | : Empty containers should be disposed of in accordance with local, State or National requirements. |
| UK SPECIAL WASTE REGULATIONS, 1996 | : <u>Hazard Code</u> : Not applicable. <u>Components making the waste special and their concentrations</u> : Not applicable. |
| NOTE FOR DISPOSAL | : Disposal should be in accordance with local, State or National requirements. For further advice about disposal, in the UK, contact the local office of the Environment Agency (England and Wales) or Scottish Environment Protection Agency. Local rate from anywhere in the UK: 0845 9333111. |

14. TRANSPORT INFORMATION (International unless otherwise indicated)

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| <u>UN NUMBER</u> : Not required. <u>UK CDGRoad Transport Category</u> : Not required. | <u>UK HAZCHEM EAC</u> : Not required. <u>Tremcard Reference No.</u> : C Not required. | <u>ADR HIN</u> : Not required. <u>IMDG EMS</u> : Not required. |
| <u>UK CDGCPL2 CARRIAGE</u> : CLASS : PROPER SHIPPING NAME : PACKING GROUP : LIMITED QUANTITY EXEMPTIONS : SPECIAL REQUIREMENTS : LABELS : | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. | |
| <u>IMDG 2000 (SEA) CARRIAGE</u> : CLASS : PROPER SHIPPING NAME : PACKING GROUP : LIMITED QUANTITY EXEMPTIONS : SPECIAL REQUIREMENTS : LABELS : | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. | |
| <u>ADR 2001 (ROAD) CARRIAGE</u> : CLASS : PROPER SHIPPING NAME : PACKING GROUP : LIMITED QUANTITY EXEMPTIONS : SPECIAL REQUIREMENTS : LABELS : | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. | |

15. REGULATORY INFORMATION

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| INDICATION OF DANGER | HEALTH AND SAFETY INFORMATION (see also box 2) |
| NOT CLASSIFIED | |
| SAFETY PHRASES : ADDITIONAL PHRASES : | Not required. Safety data sheet available for professional user on request. |
| LEGISLATION : | This product is not classified, in the UK, under The Chemicals (Hazard Information and Packaging for Supply) Regulations, 2002 (CHIP 3), as dangerous for supply. This product is not classified, in the UK, under the Carriage of Dangerous Goods (Classification, Packaging and Labelling) and Use of Transportable Pressure Receptacles CDGCPL2 Regulations 1996, as dangerous for carriage. |

16. OTHER INFORMATION and indication of revisions

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| <p>The information given on this Safety Data Sheet (SDS) does not constitute an assessment in accordance with the Control of Substances Hazardous to Health (COSHH) Regulations 1999.</p> <p>This product is to be used in accordance with the label and the Rentokil Hygiene Technical Manual</p> <p>Changes have been made to the content of boxes 2, 3, 8, 9, 11, 12, 13, 15 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 03.</p> |
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| <p>Before using any product, ensure that you read and understand its label.</p> <p>The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Rentokil Initial UK Ltd is not liable for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.</p> |
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