



Safety Data Sheet

DATE : 01 : 07: 2003

ISSUE No. : 03

NOTE: Access to a copy of this Safety Data Sheet (SDS) via our Website does not constitute the issue of a controlled Copy under EU legislation. To be issued with such a copy please contact Rentokil Initial at the address below by telephone, fax or in writing. In order to confirm the latest version of the SDS for this product see web: www.ri-research.com and click on Technical Information / Product Safety.

REVISION (see box 16)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME	SANITACT POWDER (STANDARD SACHETS / BULK)
DESCRIPTION	A white, floral fragranced powder packaged in water-soluble plastic sachets or as 50 kg of loose powder in a plastic tub. One standard sachet or 87 g of loose powder is added to at least one litre (1000 ml) of cold water inside the Sanitact Unit to produce Sanitact Fluid (SDS No. 693).
COMPANY	Rentokil Initial Supplies, Head Office: Felcourt, East Grinstead, West Sussex. RH19 2JY. England. Telephone: +44 (0)1342 833022 Facsimile: +44 (0)1342 326229

2 HAZARD IDENTIFICATION

CLASSIFICATION AND DANGER SYMBOL (SUPPLY – USE): In compliance with EC Directive 1999/45.

X_n HARMFUL	R22	Harmful if swallowed.
	R41	Risk of serious damage to eyes.
	R31	Contact with acids liberates toxic gas.
DANGEROUS FOR THE ENVIRONMENT	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**HARMFUL**

ADVERSE PHYSICOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS (See also box 11):

Contact with acidic solutions or powders giving rise to acidic solutions or water will liberate toxic vapour of sulphur dioxide.

If ingested may be harmful and may cause irritation of the digestive system. Ingestion may also cause coughing, choking, shortness of breath, nausea and vomiting due to the liberation of sulphur dioxide. Inhalation of the powder will cause irritation of the respiratory system and may lead to coughing, choking and shortness of breath due to the liberation of sulphur dioxide vapour. In sensitive individuals an allergic reaction is possible leading to symptoms similar to those of asthma. Risk of serious damage to the eyes, with irritation, redness and stinging. Contact with the skin may cause irritation, especially on prolonged contact.

Adverse effects on the environment are unlikely, provided the product is used as intended.

3 COMPOSITION / INFORMATION ON INGREDIENTS

% w/w	COMMON*/CHEMICAL NAME, ELINCS/EINECS AND CAS OF INGREDIENTS	EC 1999/45 CLASSIFICATION
> 50 ≤ 100	Sodium metabisulphite CAS : 7681-57-4	X _n - Harmful: R22 : Harmful if swallowed R41 : Risk of serious damage to eyes. R31 : Contact with acid liberates toxic gas
> 2.5 ≤ 10	Fragrance compound	N - Dangerous for the Environment R50/53 : Very toxic to aquatic organisms, may cause long-term adverse affects in the aquatic environment.
≤ 2.5	Amorphous silica CAS : 7631-86-9	X _i - Irritant: R38 : Irritating to skin. Not classified.

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

INHALATION	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

FIRE EXTINGUISHER TYPE	Product is non-flammable. However, in the event of a fire, use carbon dioxide or dry powder extinguishers.
SPECIAL FIRE-FIGHTING PROCEDURES	Wear suitable personal protective equipment.
SPECIAL EXPOSURE HAZARDS	Toxic fumes of sulphur dioxide may be liberated in the event of a fire and in contact with water.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS (See also box 8)	Wear suitable personal protective equipment.
PROCEDURE (See also box 13)	If the sachets retain their integrity, collect them up and return either to the Sanitact supply bucket or other suitable container. If the sachets become wet, or split open or if loose powder is spilled, cover them with sand, earth, sawdust or other inert material and transfer to a suitable container for subsequent disposal. DO NOT contaminate watercourses or ground.

7 HANDLING AND STORAGE

HANDLING	Avoid contact with skin and eyes. Avoid inhalation of the powder. Wear suitable protective clothing and gloves.
Storage	Store in original container in a cool, dry, ventilated place out of reach of children and away from food, drink and animal feeding stuffs. Store away from water and acids.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION (See also box 7)

EXPOSURE STANDARD Directive EC/98/24 (1 st IOELV Directive)	OES for sodium metabisulphite is 5 mg/m ³ long-term exposure (8 hour Time Weighted Average) and for sulphur dioxide is 5.3 mg/m ³ long-term exposure (8 hr TWA) and 13 mg/m ³ short-term exposure (15 minute reference period). OES for amorphous silica is 6 mg/m ³ long-term exposure (8 hr TWA) for total inhalable dust and 2.4 mg/m ³ long-term exposure (8 hr TWA) for respirable dust.
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 safety glasses or goggles.
HAND PROTECTION	Wear suitable hand protection such as synthetic rubber / PVC gloves.
SKIN PROTECTION	Wear suitable skin protection such as coveralls.
BREATHING PROTECTION	None necessary under normal working conditions.
ENVIRONMENTAL EXPOSURE CONTROLS	Product should be used in accordance with instructions given on the product label 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

APPEARANCE AND ODOUR	A white, floral fragranced powder.		
pH	Not applicable.	SOLUBILITY IN WATER	Soluble.
BULK DENSITY	1.03 g/cm ³	SOLUBILITY IN FAT	Slightly soluble.
FLASH POINT	Not applicable.	EXPLOSIVE PROPERTIES	None known.
FLAMMABILITY	Non-flammable.	BOILING POINT/RANGE	Not applicable.
AUTOFLAMMABILITY	Not determined.	MELTING POINT/RANGE	Not applicable.
VAPOUR DENSITY	Not applicable.	EVAPORATION RATE	Not applicable.
VAPOUR PRESSURE	Not applicable.	PARTITION COEFFICIENT	Not applicable.
VISCOSITY	Not applicable.	OXIDISING PROPERTIES	None known.
OTHER DATA	None known.		

14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)

UN No.	Not Classified.		TREMCARD REFERENCE NO.	Not required.	LABELS	
UK CDGCPL2 (UK ROAD)	CLASS	N/A	UK HAZCHEM EAC	Not required.	Not required.	
UK CDGROAD TRANSPORT CATEGORY	Not required.					
PROPER SHIPPING NAME	Not required.					
LIMITED QUANTITY EXCEPTIONS	Not required.					
SPECIAL REQUIREMENTS	Not required		PACKING GROUP	Not required.		
ADR 2003 (INTERNATIONAL ROAD)	CLASS	N/A	ADR HIN	Not required.		
PROPER SHIPPING NAME	Not required.					
LIMITED QUANTITY EXCEPTIONS	Not required.					
SPECIAL REQUIREMENTS	Not required.		PACKING GROUP	Not required.		
IMDG 2002 (SEA)	CLASS	N/A	IMDG EMS	Not required.		
PROPER SHIPPING NAME	Not required.					
LIMITED QUANTITY EXCEPTIONS	Not required.					
SPECIAL REQUIREMENTS	Not required.		PACKING GROUP	Not required.		
NOTE FOR TRANSPORT.	Local, State or National requirements may apply to the carriage of this product					

15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (see also box 2))

HAZARD SYMBOLS	
CLASSIFICATION	X_n - HARMFUL DANGEROUS FOR THE ENVIRONMENT
RISK PHRASES	R22 Harmful if swallowed. R41 Risk of serious damage to eyes. R31 Contact with acids liberates toxic gas. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
SAFETY PHRASES	S7 Keep container tightly closed. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S35 This material and its container must be disposed of in a safe way. S39 Wear eye / face protection. S46 If swallowed, seek medical advice immediately and show this container or label.
LEGISLATION	This product is 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 CDGCP2 Regulations 1996, as dangerous for carriage.

16 OTHER INFORMATION AND INDICATION OF REVISIONS

This Safety Data Sheet (SDS) is for export use only.

Changes have been made to the content of boxes 1, 2, 3, 8, 9, 11, 12, 13, 14, 15 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 14.

SDS No. 619 SANITACT POWDER (STANDARD SACHETS / BULK)

Before using any product, ensure that you read and understand its label.

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.