1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME  Sandtex Trade Fungicidal Solution
PRODUCT NO.  5028977
INTERNAL ID  3850
APPLICATION  Preparatory solution to kill organic growths on building surfaces. Applied by brush. See container for details.
SUPPLIER  Sandtex Trade
Crown Paint Ltd
Crown House
Hollins Rd
Darwen
Lancashire, BB3 0BG
Tel: 01254 704951
Fax: 01254 702678
sandtextrade.co.uk
CONTACT PERSON  Product SHE Information Manager

2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.
CLASSIFICATION  Xi;R36/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE</td>
<td>231-668-3</td>
<td>7681-52-9</td>
<td>5-10%</td>
<td>C;R34 R31 N;R50</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION
In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

NOTES TO THE PHYSICIAN
Consult safety data sheet.

INHALATION
Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in a prone position with head to the side (recovery position) and seek medical advice.

INGESTION
If accidentally swallowed obtain immediate medical advice. Show this safety data sheet. Keep at rest. Do not induce vomiting. If conscious give milk or water to drink.

SKIN CONTACT
Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do not use solvents or thinners.

EYE CONTACT
Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet.

SPECIAL FIRE FIGHTING PROCEDURES
Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.
Sandtex Trade Fungicidal Solution

UNUSUAL FIRE & EXPLOSION HAZARDS
No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS
Fire will produce dense black smoke containing hazardous products of combustion (see section 10). Decomposition products may be hazardous to health.

PROTECTIVE MEASURES IN FIRE
Appropriate self-contained breathing apparatus may be required.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Exclude sources of ignition and ventilate the area. Floors may become slippery. Warn others of the dangers present and exclude non-essential personnel. Refer to protective measures listed in sections 7 and 8. Avoid breathing vapours.

ENVIRONMENTAL PRECAUTIONS
Do not allow to enter drains or water courses. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination or streams, rivers or lakes, the Environment Agency.

SPILL CLEAN UP METHODS
Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a clearly labelled suitable container for disposal in accordance with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid skin and eye contact. Avoid inhalation of vapour. For personal protection, see section 8. Keep the container tightly closed. Smoking, eating and drinking should be prohibited in areas of storage and use. Never use pressure to empty; the container is not a pressure vessel. Always keep in the same material as the supply container. Good housekeeping standards and regular safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards. The Manual Handling Operations Regulations may apply to the handling of containers of this product. Packs with a volume content of 5 litres or more may be marked with a maximum gross weight. To assist employers the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

USAGE DESCRIPTION
Apply product only in accordance with methods listed in section 1.

STORAGE PRECAUTIONS
Observe the label precautions. Store between 5°C and 30°C in a dry, well ventilated place. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

STORAGE CLASS
The storage of this product is not subject to any statutory requirements.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
All engineering control measures used to control exposure to hazardous substances must be selected, maintained, examined and tested to meet the requirements of the Control Of Substances Hazardous to Health regulations (COSHH). Similarly all personal protective equipment, including respiratory protective equipment, must be selected, issued and maintained to meet the requirements of COSHH. These requirements include the provision of any necessary information, instruction and training with regard to their use. Special precautions should be taken during surface preparation of pre-1960’s paint surfaces over wood and metal as they may contain harmful lead.

ENGINEERING MEASURES
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of solvent vapour below the relevant workplace exposure limits, suitable respiratory protection should be worn. (See personal protection below). Dry sanding, flame cutting and/ or welding of the dry paint film will give rise to dust and/ or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be worn.

RESPIRATORY EQUIPMENT
Should not be necessary under normal conditions of use. Suitable respiratory protective equipment should be worn if exposure levels cannot be kept below the workplace exposure limits assigned.
HAND PROTECTION
When skin exposure may occur wear gloves. Advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

EYE PROTECTION
Eye protection designed against liquid splashes should be worn.

OTHER PROTECTION
Should not be necessary under normal conditions of use.

HYGIENE MEASURES
Always wash your hands before eating, smoking or using the toilet.

PERSONAL PROTECTION
See PPE listed above.

SKIN PROTECTION
Cotton or cotton/ synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

ENVIRONMENTAL EXPOSURE CONTROLS
See section 12.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>APPEARANCE</th>
<th>Viscous liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOUR</td>
<td>Range of colours</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Characteristic</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Miscible with water.</td>
</tr>
<tr>
<td>BOILING POINT (°C)</td>
<td>&gt;100</td>
</tr>
<tr>
<td>pH-VALUE, CONC. SOLUTION</td>
<td>8.5 - 9.5</td>
</tr>
<tr>
<td>VAPOUR DENSITY (air=1)</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>VISCOSITY</td>
<td>15 Ps @ 23°C</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Stable under the recommended storage and handling conditions (see section 7).

MATERIALS TO AVOID
Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

HAZARDOUS DECOMPOSITION PRODUCTS
In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION
There is no data available on the product itself.

GENERAL INFORMATION
The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short term and long term exposure by oral, inhalation and dermal routes of exposure and eye contact, see sections 3 and 15 for the resulting hazard classification.

INGESTION
Ingestion may result in sore throat, abdominal pain, or nausea.

SKIN CONTACT
Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

EYE CONTACT
Splashes in the eyes may cause irritation and reversible local damage.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
These products have been assessed following the conventional method in CHIP and are not classified as dangerous for the environment but contain substances dangerous for the environment. See section 3 for details. The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. See also sections 5, 6, and 13.

13 DISPOSAL CONSIDERATIONS
**GENERAL INFORMATION**

Waste including emptied containers, are classed as special waste and should be disposed of in accordance with regulations made under the Environmental Protection Act, Special Waste regulations. Using the information provided in this safety data sheet, advice should be obtained from the environment agency as to how the special waste regulations apply. For further information, see "Waste Management - The Duty of Care - A Code of Practice" available from HMSO.

**DISPOSAL METHODS**

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

### 14 TRANSPORT INFORMATION

**GENERAL**

Transport within users premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of accident or spillage. Not dangerous for transport.

### 15 REGULATORY INFORMATION

**LABELLING**

![Irritant Icon]

**RISK PHRASES**

- R36/38 Irritating to eyes and skin.

**SAFETY PHRASES**

- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S24/25 Avoid contact with skin and eyes.
- S60 This material and its container must be disposed of as hazardous waste.

**UK REGULATORY REFERENCES**

The product is determined as not being dangerous for supply in accordance with the Chemicals (Hazard Information Packaging for supply) regulations (CHIP). The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provision of the Health and Safety at Work Act and the Control of Substances Hazardous to Health regulations apply to the use of this product at work.

**EU DIRECTIVES**


**APPROVED CODE OF PRACTICE**

Approved classification and labelling guide (Fifth edition) The compilation of safety data sheets (Third edition)

**GUIDANCE NOTES**

EH40/2005 Workplace exposure limits

**NATIONAL REGULATIONS**

The Control Of Substances Hazardous to Health regulations (as amended) The Manual Handling Operations regulations (as amended) The Environmental Protection (Duty of Care) regulations (as amended) The Health and Safety at Work act 1974 (as amended)

### 16 OTHER INFORMATION

**GENERAL INFORMATION**

The information contained in this safety data sheet is provided in accordance with the requirements of the CHIP regulations. The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instruction. As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

**REVISION COMMENTS**

This information is provided in a revised format to that previously produced.

**ISSUED BY**

Product SHE Information Manager

**REVISION DATE** 17/04/08

**SDS NO.** Revision 4
RISK PHRASES IN FULL

R31  Contact with acids liberates toxic gas.
R34  Causes burns.
R50  Very toxic to aquatic organisms.

DISCLAIMER

The information provided in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health and safety and environmental aspects and should not be construed as any guarantee of technical performance or suitability for particular applications.