



Product Specification & SAFETY DATA SHEET

S777

CRYSTAL GREEN

PRODUCT DESCRIPTION

S777 Crystal Green is a highly concentrated powdered detergent, formulated for hot water extraction cleaning of heavily soiled and greasy carpets. S777 can be mixed with B125 Clensan® to combine cleaning, deodorising and sanitising in one operation.

- High concentration and easy dispersion - mixes quickly into solution.
- Works equally well in hard water areas with no loss of efficiency.
- Non-ionic status combines with B125 Clensan sanitiser without causing de-activation.
- Moderate pH of 9.5 - suitable for use on most carpets and soil conditions.

DIRECTIONS FOR USE

Portable extraction machines - Mix 15ml. (1 measure scoop) of S777 per 5 litres of hot water in the machine solution tank. Mix thoroughly until fully dissolved.

Truck-mount units - Mix 1 kilo of S777 in 20 litres of water to make metering concentrate. Set flow meter at 2 to 4 GPH.

Always pretest carpet for colour fastness with ready-to-use solution before proceeding.

Pretreat heavily soiled areas with S709 Multi Pro or S710 Trafficlean according to label directions, then follow up with normal extraction cleaning procedure.

Cleaning and sanitising - Mix 20ml B125 Clensan® per litre of S777 solution (1 to 50).

Important - See Page 2 for Safety Data Information

| | | | |
|-------------|-------------|-------------|------------|
| Code | Unit | Case | Qty |
| S777-04 | 4K | 4 | 4K |
| S777-10 | 10K | 10 | 10K |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------|----------------|
| Form | - Powder |
| Appearance | - Moist |
| Colour | - Green |
| Odour | - Herbal lemon |
| pH Concentrate | - n/a |
| pH Diluted | - 9.5 |
| % Active | - 100 |
| % Solids | - n/a |
| Flash Point °C | - None |
| Boiling Point °C | - n/a |
| Density (Water = 100) | - n/a |
| Solubility (Water) % | - n/a |

COMPOSITION / INFORMATION ON INGREDIENTS

| SUBSTANCE | RISK | CAS NO. | % W/W (EC RANGE) |
|----------------------------|---------------|------------|------------------|
| Phosphates | - | - | More than 30% |
| Carbonates | Xi R36 | 497-19-8 | 5 to 15% |
| Silicates | C R34 Xi R37 | 6834-92-0 | 5 to 15% |
| EDTA | Xn R22 Xi R36 | 64-02-8 | 5 to 15% |
| Non-ionic surfactant | Xn R22 Xi R41 | 68131-39-5 | Less than 5% |
| Non-ionic surfactant | - | - | Less than 1% |
| Optical brightener | - | - | Less than 1% |
| Fragrance (IFRA certified) | - | - | Less than 1% |
| Dye | - | - | Less than 1% |

Manufactured by :

Professional Chemical & Equipment Company Ltd.
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Chessington,
Surrey KT9 1RH, UK.
Tel No: 020 8974 1515
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Your Authorised Prochem Distributor :

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SAFETY DATA SHEET - Prochem S777 Crystal Green (Continued)

HAZARDS IDENTIFICATION

Eye Contact - Contact with concentrate or solution may cause moderate eye irritation.
Skin Contact - Prolonged or repeated contact with concentrate or solution may cause irritation and possible dermatitis.
Inhalation - None expected.
Ingestion - Ingestion of concentrate may produce nausea and irritation due to alkalinity.
Environment - Raw materials are biodegradable. See Ecological Information.

FIRST AID MEASURES

Eye Contact - Flush immediately with water for 10 minutes, then seek medical attention if irritation persists.
Skin Contact - Flush skin with plenty of water. Seek medical attention if any skin irritation persists.
Inhalation - None required.
Ingestion - If small amounts are ingested, drink water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. If large amounts are ingested and patient is fully conscious, induce vomiting.

FIRE FIGHTING MEASURES

Extinguishing Media - Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.
Fire/Explosion Hazards - No explosion hazards.
Decomposition Products - Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.
Special Protective Equipment - None recommended.

ACCIDENTAL RELEASE

Personal Protection - Protective clothing, rubber gloves, chemical splash goggles.
Containment and Disposal - Large spills should be contained and disposed at legal waste disposal site. Small spills can be flushed with water to sewage drain linked to waste treatment facility.

HANDLING AND STORAGE

Handling Precautions - Wear rubber gloves and safety glasses when handling concentrate.
Storage Precautions - Avoid extremes of temperature. Keep out of reach of children. Keep in original container.
EXPOSURE CONTROLS / PERSONAL PROTECTION
Eye Protection - Side shield safety glasses are recommended when handling concentrate.
Protective Clothing - Standard work clothing and rubber gloves.
Respiratory Protection - Not required.
Ventilation - Normal air circulation.
Hygiene - Wash hands and clothing after use or spill. Do not eat or drink when handling chemicals.

STABILITY AND REACTIVITY

Stability - Stable
Conditions to Avoid - Extremes of temperature.
Incompatibility (Materials to Avoid) - Strong acids
Hazardous Decomposition Products - Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.
Hazardous Polymerisation - Will not occur

TOXICOLOGICAL INFORMATION

Eye Contact - Contact with concentrate or solution may produce moderate transient irritation.
Skin Contact - Prolonged or repeated contact may cause irritation and possible dermatitis.
Inhalation - No health effects expected.
Ingestion - Product is alkaline and may produce gastrointestinal irritation and nausea.
Exposure Limits - None for raw material ingredients in this product.

ECOLOGICAL INFORMATION

The raw material ingredients in this product are biodegradable within the scope of current EC legislation. This product contains small amounts of EDTA and Alcohol ethoxylate which may be harmful to aquatic organisms.
The major packaging materials of polyethylene and fibreboard are recyclable.

DISPOSAL CONSIDERATIONS

Waste cleaning effluent should be discharged to a sewage drain, which is linked to a local sewage and waste treatment facility. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site. Large quantities of product for disposal should be consigned to a licensed haulier in accordance with UK and EC regulations.

TRANSPORT INFORMATION

Classification for Transport
Not classified as hazardous for transport
UN NO. / SI NO. - None
IATA / ICAO Class (Air) - None
IMDG / IMO Class (Sea) - None
ADR / RID Class (Road /Rail) - None
Packaging Group - None

REGULATORY INFORMATION

Classification
Xi - IRRITANT
Risk Phrases
R36/38 Irritating to the eyes and skin
Safety Phrases
S2 Keep out of reach of children.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP) 1994** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 1999** (as amended) and the **MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1999** (as amended).

This safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety regulations.

OTHER INFORMATION

For additional information on safety, training and use of this product, contact the supplier.
This product is intended for professional use only.
The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.

EMERGENCY ACTION

In the event of a medical enquiry involving this product please contact your doctor or local hospital accident and emergency department, who may seek advice from the National Poisons Information Service, where our full product details are held.

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