



Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT 91/155/EEC AMD 93/112/EC AMD 2001/58/EC

G270

GRAFFITI REMOVER



SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: GRAFFITI REMOVER **Product Code:** G270

Manufacturer: Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No: 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S

Website: www.prochem.co.uk Email: sales@prochem.co.uk

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 **UK National Poisons Information Service**, where our full product details are held.

Product Description & Directions For Use:

A low odour blend of special high viscosity solvents for the effective removal of inks, paints and crayons from most hard and semi-porous surfaces. Not recommended for surface coated mirrors.

Shake can well and adjust fan nozzle (if fitted) to required setting.

Always pretest surface in an inconspicuous area before proceeding.

Spray 4" to 12" from surface depending on width of spray required.

Allow 1 to 5 minutes contact time or longer for stubborn inks or old paint.

Agitate with stiff brush, then rinse with water. Repeat if necessary.

On semi-porous surfaces, rinse with pressure washer.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
1-Methoxy-2-propanol	F R10	203-539-1	107-98-2	More than 30%
Liquefied petroleum gas	F+ R12	None	68476-85-7	15 to 30%
N-methyl pyrrolidone	Xi R36/38	212-828-1	872-50-4	15 to 30%

SECTION 3: HAZARDS IDENTIFICATION

Classification: Extremely flammable. Irritating to eyes and skin.

Eye Contact: Contact with liquid or vapour may cause moderate eye irritation and discomfort.

Skin Contact: May cause irritation and drying of the skin if not rinsed promptly.

Inhalation: Exposure to high concentrations of vapour may cause dizziness, headaches and nausea.

Ingestion: Unlikely in aerosol form. May cause irritation of the mouth, respiratory tract and intestinal system.

Environment: Materials will biodegrade and represent a low hazard to aquatic and animal life. See Ecological Information for further details.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 minutes, then seek medical attention.

Skin Contact: Wash skin with soap and water. Seek medical attention if any skin irritation persists.

Inhalation: Get fresh air and seek medical assistance if breathing is difficult.

Ingestion: DO NOT INDUCE VOMITING. Wash mouth with water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Product is extremely flammable. Use foam, carbon dioxide or dry powder extinguisher.

Fire/Explosion Hazards: Extremely flammable aerosol, pressurised containers may explode in fire. Contents of aerosol will add to fuelling of fire. Use water to keep fire exposed containers cool and disperse vapours.

Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide and other unidentified thermal decomposition products from this product or its packaging.

Special Protective Equipment: Self contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Protective clothing, nitrile butyl rubber gloves, chemical splash goggles. Extinguish all ignition sources - No smoking. Ensure adequate ventilation.

Containment and Disposal: Spills should be treated with dry absorbent inert material, contained and disposed at legal waste disposal site. Area should be washed with detergent and water.

SECTION 7: HANDLING AND STORAGE

Handling Precautions: Wear nitrile butyl rubber gloves and safety glasses when handling. Contaminated towels, etc. are combustible and should be soaked in water and detergent solution immediately after use. Ensure adequate ventilation in enclosed areas. Do not smoke or spray on naked flame.

Storage Precautions: Store in ventilated area away from heat, direct sunlight and sources of ignition. Keep out of reach of children. Keep in original container. Do not expose to temperature exceeding 50°C.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: N-methyl-2-pyrrolidone OES-LTEL 25ppm OES-STEL 75ppm (Sk)

1-Methoxy-2-propanol OES-LTEL 100ppm OES-STEL 150ppm (Sk)

Environmental Controls: For additional guidance, contact ENVIROWISE at www.envirowise.gov.uk or telephone 0800 585794

Eye Protection: Side shield safety glasses are recommended.
Protective Clothing: Standard work clothing and nitrile butyl rubber gloves. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Respiratory Protection: Not required providing there is adequate ventilation and solvent vapours are below threshold limits. If excessive exposure cannot be avoided an approved organic solvent respirator should be used in well ventilated areas. Respirators should not be worn in confined spaces.

Ventilation: Ensure adequate ventilation to keep solvent vapour below threshold level.

Hygiene: Wash hands, clothing and towels after use or spill. Do not eat or drink when handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour/State: Aerosol colourless liquid

Odour: Mild aromatic

pH Concentrate: Not applicable **pH Diluted:** Not applicable

Boiling Point / Range °C: Not determined

Flash Point °C: <21 **Method:** CC (Closed Cup)

Flammability Limit %: Not determined

Explosive Properties: Not applicable

Oxidising Properties: Not applicable

Vapour Pressure: Not determined

Relative Density (Water = 1): Not determined **Solubility:** Not applicable

Partition Coefficient (N-octanol / Water): Not determined

Viscosity: Not applicable

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 100

% Solids: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme heat, ignition sources.

Incompatibility (Materials to Avoid): Strong oxidising agents.

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide and other unidentified thermal decomposition products from this product or its packaging.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact with liquid may produce moderate transient irritation.

Skin Contact: Prolonged or repeated contact may cause irritation and possible dermatitis.

Inhalation: High concentrations of vapour may cause dizziness, nausea and headaches.

Ingestion: Main hazard is aspiration to lungs from hydrocarbon solvent. Significant ingestion unlikely from aerosol.

Acute and Chronic Effects:

Acute Toxicity: Not established.

Corrosivity / Irritation: Skin, eye and respiratory.

Sensitisation: None known.

Repeated Dose Toxicity: Not established.

Mutagenicity: None

Carcinogenicity: None

Teratogenicity: None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: None established.

Mobility: Not known.

Persistence and Degradability: The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

The major packaging materials of polyethylene and fibreboard are recyclable.

Bioaccumulative Potential: None known.

Other Effects: None known or no relevant data available for substances in this preparation.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste cleaning effluent should be discharged to a sewage drain, which is linked to a local sewage and waste treatment facility. Do not discharge to drain or watercourse. Empty aerosols should be disposed of at legal waste disposal site. Aerosols are recyclable. See the free leaflet obtainable from the British Aerosol Manufacturers Association web-site

www.bama.co.uk

Contact local Environment Agency office for waste holder requirements.

SECTION 14: TRANSPORT INFORMATION

UN No: 1950

Classification: Flammable Gas

Proper Shipping Name: Aerosols

Packing Group: Special Requirements.

CEVIC TEC(R) No: 20G53

Road (ADR): Class 2. Classification code: 5F 'limited quantity'

Sea (IMDG): Class 2 'limited quantity'

Air (ICAO / IATA): Class 2.1

Rail (RID): 2.5°F

SECTION 15: REGULATORY INFORMATION

Classification: F+ EXTREMELY FLAMMABLE Xi IRRITANT

Risk Phrases

R12 Extremely flammable

R36/38 Irritating to eyes and skin

Safety Phrases

S2 Keep out of the reach of children.

S9 Keep container in a well ventilated place.

S16 Keep away from sources of ignition - No Smoking.

S23 Do not breathe spray.

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.

S35 This material and its container must be disposed of in a safe way.

S37 Wear suitable gloves.

S51 Use only in well ventilated areas.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 3) 2002** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 2002** (as amended), **REGULATION (EC) NO. 648/2004 ON DETERGENTS** (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.

SECTION 16: OTHER INFORMATION

Risk Phrases: R10 Flammable R12 Extremely flammable.

R36/38 Irritating to eyes and skin.

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.

Revisions: Replaces SDS G270 Issue / Revision Date 01/03/04
Revised Sections: 1, 12, 15.