



G240 CHEWING GUM REMOVER

SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: CHEWING GUM REMOVER **Product Code:** G240
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

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:

An aerosol freezer spray product for the removal of chewing gum, sticky sweets and wax from carpets, fabrics and most hard surfaces. Chewing Gum Remover is ready-to-use. Always pretest carpet, fabric or surface to be treated in an inconspicuous area before proceeding. For best results, perforate chewing gum with fork or perforator block before application of freezer spray. Remove nozzle from can before inserting tube. Re-attach nozzle to can and spray onto gum or staining matter for approximately 5 seconds. When white frost appears, chip hardened gum or matter away from fibres or surface with a blunt knife, then brush or vacuum away. Avoid damaging fibres or surface being treated.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
1,1,1,2-Tetrafluoroethane	None assigned	None	811-97-2	More than 30%
Dimethyl ether	F+ R12	204-065-8	115-10-6	5 to 15%

SECTION 3: HAZARDS IDENTIFICATION

Classification: Extremely flammable.
Eye Contact: Contact with liquid or vapour may cause moderate eye irritation and possible cold burns.
Skin Contact: May cause cold burns (frost bite). No irritation or skin sensitisation.
Inhalation: Exposure to high concentrations of vapour may cause headache and drowsiness.
Ingestion: Liquid splashes may cause cold burns to the mouth and throat.
Environment: Contains HFC which does not have the ozone depletion potential of CFC's. See Ecological Information for further details.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 minutes, then seek medical attention if irritation persists.
Skin Contact: Cover affected areas and seek medical attention for cold burns. Do not remove clothes.
Inhalation: Get fresh air, keep warm and at rest. Seek medical assistance or give oxygen if breathing is difficult.
Ingestion: Wash mouth with water, provide fresh air and seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, dry powder, alcohol resistant foam.
Fire/Explosion Hazards: Flammable aerosol, pressurised container may explode in fire. Vapour-air mixture explosive. Use water spray to keep fire exposed containers cool and disperse vapours. Inform fire fighters of location of aerosols and risk of exploding cans.
Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, halogenated hydrocarbons, water

and other unidentified thermal decomposition products from this product or its packaging.
Special Protective Equipment: Self contained breathing apparatus if exposed to fumes

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 and leakage will evaporate rapidly if well ventilated. Do not puncture or incinerate cans even when empty. Dispose of at legal waste disposal site.

SECTION 7: HANDLING AND STORAGE

Handling Precautions: Keep away from heat, sparks and open flame. Wear nitrile butyl rubber gloves and safety glasses if contact is likely. Do not use in confined areas. Allow adequate ventilation.
CAUTION pressurised container. Do not expose to temperatures exceeding 50°C. Do not puncture or incinerate even when empty. Do not smoke or spray onto a naked flame or any incandescent material. Do not invert or shake the can during use. Spray in short bursts to prevent cooling of the can.
Storage Precautions: Store in a cool dry ventilated area away from heat, direct sunlight and sources of ignition. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Dimethyl ether OES-LTEL (8hrs) 1000ppm.
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 provided there is adequate ventilation and solvent vapours are below threshold limits. If excessive exposure cannot be avoided an organic solvent respirator may 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, etc. after use or spill. Do not eat or drink when handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour/State: Aerosol colourless liquid

Odour: Characteristic

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

Boiling Point / Range °C: Not determined

Flash Point °C: Not applicable **Method:** CC (Closed Cup)

Flammability Limit %: Not determined

Explosive Properties: Not determined

Oxidising Properties: Not determined

Vapour Pressure: Not determined

Relative Density (Water = 1): Not determined

Solubility: Not determined

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

Viscosity: Not applicable

Vapour Density: Not determined

Evaporation Rate: Not applicable

% Active: 100

% Solids: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable, pressurised container.

Conditions to Avoid: Heat, flame and ignition sources.

Incompatibility (Materials to Avoid): May react with light metals and alloys.

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

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Spray contact may cause irritation and freezing of eye tissue and fluids.

Skin Contact: Large quantities can cause cold burns (frost bite). No irritation or skin sensitisation.

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

Ingestion: Liquid splashes can cause cold burns to the mouth and throat (Unlikely to occur with 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 raw material ingredients in this product are biodegradable within the scope of current EC legislation. The major packaging materials 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.

CEFIC TEC(R) No: 20G53

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

Sea (IMDG): Class 2 'limited quantity'

Air (ICAO / IATA): Class 2.1

Rail (RID): 2.5°A

SECTION 15: REGULATORY INFORMATION

Classification: F+ EXTREMELY FLAMMABLE

Risk Phrases

R12 Extremely flammable.

Safety Phrases

S2 Keep out of reach of children.

S16 Keep away from sources of ignition - no smoking.

S23 Do not breathe vapour/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) 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: R12 Extremely flammable.

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 G240 Issue / Revision Date 01/06/03
Revised Sections: 8, 14