



Product Specification & **SAFETY DATA SHEET**

E840

CITRUS GEL

PRODUCT DESCRIPTION

A citrus based liquid gel spot remover for use on carpets, fabrics and most surfaces. Citrus Gel will safely and effectively remove oils, grease, tar and gum and is gelled to prevent damage to latex carpet backings.

- **Safely and effectively removes oily spots and adhesives.**
- **Thickened solvent/detergent gel.**
- **Effective on carpets, fabrics and hard surfaces.**
- **Rinses easily with water.**

DIRECTIONS FOR USE

SHAKE BEFORE USE. Citrus Gel is ready-to-use from the nozzle applicator.

Always pretest surface to be treated in an inconspicuous area before proceeding. Some bitumen backed carpet tiles are not stable to solvents.

Scrape up any excess staining matter then apply Citrus Gel to spot and allow 2 to 5 minutes contact time. DO NOT OVER APPLY.

Scrape dissolved residue or blot with white towel or tissue. DO NOT RUB.

Repeat if necessary, working from outside to centre of large spots. Blot or extract area with water. Brush carpet or fabric to align fibres.

Important - See Page 2 for Safety Data Information



Code Unit Case Qty

E840-01 1L 10 x 1L

PHYSICAL AND CHEMICAL PROPERTIES

Form	- Gel
Appearance	- Viscous
Colour	- White
Odour	- Orange citrate
pH Concentrate	- 5
pH Diluted	- n/a
% Active	- 100
% Solids	- n/a
Flash point °C	- 43
Boiling Point °C	- 100
Density (Water = 100)	- 91
Solubility (Water) %	- Partial

COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK	CAS NO.	% W/W (EC RANGE)
Aliphatic hydrocarbon	Xn R65 Xi R66	64741-65-7	More than 30%
Water	-	-	15 to 30%
Citrus terpenes	F R10 Xi R38 N R50/53	8028-48-6	15 to 30%
N-methyl pyrrolidone	Xi R36/38	872-50-4	Less than 5%
Aminoethanol	-	-	Less than 1%
Non-ionic surfactant	-	-	Less than 1%
Carbomer	-	-	Less than 1%

Manufactured by :

Professional Chemical & Equipment Company Ltd.
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Surrey KT9 1RH, UK.
Tel No: 020 8974 1515
Fax No: 020 8974 1511
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Your Authorised Prochem Distributor :

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SAFETY DATA SHEET - Prochem E840 Citrus Gel (Continued)

HAZARDS IDENTIFICATION

Eye Contact - Contact with liquid may cause moderate eye irritation.

Skin Contact - Prolonged contact will dry the skin and cause irritation and possible dermatitis.

Inhalation - Deliberate excessive inhalation may cause headache, dizziness and breathing irritation.

Ingestion - Ingestion may cause irritation of the digestive tract, nausea and possible systemic effects. Aspiration of material may cause chemical pneumonitis.

Environment - Raw materials are biodegradable. Solvent has low toxicity to aquatic life. See Ecological Information.

FIRST AID MEASURES

Eye Contact - Flush immediately with water for 15 minutes holding eyelids apart, then seek medical attention.

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

Inhalation - Remove from exposure. Keep warm and at rest. If breathing is difficult, give oxygen and obtain medical assistance. DO NOT use mouth-to-mouth respiration.

Ingestion - Wash out mouth with water then give warm water to drink. Seek immediate medical attention. Do not give anything by mouth if patient is unconscious. DO NOT INDUCE VOMITING.

FIRE FIGHTING MEASURES

Extinguishing Media - Product is flammable. Use water fog, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire. DO NOT USE WATER JET.

Fire/Explosion Hazards - Vapours heavier than air.

Decomposition Products - High concentrations of vapour at high temperatures may create a respiratory hazard. 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 - Self contained breathing apparatus only if large amounts involved in fire.

ACCIDENTAL RELEASE

Personal Protection - Avoid contact with liquid. Ventilate area and remove all sources of ignition. Wear rubber gloves.

Containment and Disposal - Prevent liquid from entering drains or water courses. Contain with dry absorbent then transfer to suitable container for disposal at legal waste disposal site. Wash area with water and detergent.

HANDLING AND STORAGE

Handling Precautions - Wear rubber gloves. Ensure adequate ventilation and eliminate all ignition sources - no smoking.

Storage Precautions - Store in a cool dry ventilated area away from any source of heat, flame or direct sunlight. Maximum storage temperature is 30°C. Keep out of reach of children. Keep in original container.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection - Side shield safety glasses are recommended when for industrial use.

Protective Clothing - Standard work clothing and solvent resistant rubber gloves in case of prolonged skin contact.

Respiratory Protection - Not required in normal use, provided exposure levels are maintained below OES.

Ventilation - Ensure good air circulation and ventilation in enclosed areas.

Hygiene - Wash hands and clothing after use or spill. Do not eat or drink when handling solvent.

STABILITY AND REACTIVITY

Stability - Stable

Conditions to Avoid - Heat, ignition sources, static build-up, direct sunlight.

Incompatibility (Materials to Avoid) - Strong acids, alkalis and oxidising agents.

Hazardous Decomposition Products - High concentrations of vapour at high temperatures may create a respiratory hazard. 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 - Liquid and vapour (at higher temperatures and concentrations) may cause transient eye irritation effects.

Skin Contact - Prolonged and repeated exposure may cause defatting and may produce mild dermatitis.

Inhalation - Over-exposure to large quantities or deliberate inhalation may produce irritation of respiratory tract, dizziness, nausea, headache and drowsiness due to central nervous system depression.

Ingestion - Irritation of digestive tracts, nausea, diarrhoea and possible central nervous system effects. Aspiration into lungs may cause chemical pneumonitis.

Exposure Limits -

Aliphatic hydrocarbon - OES not assigned by HSE EH/40 or ACGIH. Suggested OES-LTEL is 300ppm.

N-methyl pyrrolidone - OES-LTEL 100ppm.

Citrus terpenes - TLV is 100ppm

ECOLOGICAL INFORMATION

The hydrocarbon solvent is slowly biodegradable and will float on water and evaporate slowly with moderate potential to bioaccumulate and slight toxicity to aquatic and mammalian wildlife. Contains small amount of alcohol ethoxylate which may be harmful to aquatic organisms.

The major packaging materials of polyethylene and fibreboard are recyclable.

DISPOSAL CONSIDERATIONS

Any waste or unused cleaning solvent should be disposed of at legal waste disposal site in accordance with special waste regulations (Control of Pollution Act and Environmental Protection Act 1990). Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

TRANSPORT INFORMATION

Classification for Transport

UK/CDG - FLAMMABLE LIQUID (Exempt from certain packaging requirements)

Proper Shipping Name - FLAMMABLE LIQUID, N.O.S
UN NO. / SI NO. - 1993

IATA / ICAO Class (Air) - 3

IMDG / IMO Class (Sea) - 3.3

ADR / RID Class (Road /Rail) - 3.31(c)

Packaging Group - III (Exempt UK)

REGULATORY INFORMATION

Classification

F - FLAMMABLE

Xi - IRRITANT

Risk Phrases

R10 Flammable

R38 Irritating to 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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