

COSHH ASSESSMENT PROCHEM CITRUS GEL – SPOT CARPET CLEANER



STEP 1 – ASSESSMENT DETAILS

Hazard Control Ref:	CCG-028	Supplier:
Issue Number:	03	Prochem Europe Ltd Oakcroft Road Chessington Surrey KT9 1RH 020 8974 15 15
Date Completed:	3 April 2024	
Employee Participation and Inv.	Lisa Carbino	
Re-Assessment Due*:	Two years from above date.	
Assessment Completed By:	Health & Safety Manager	Emergency Telephone Number:
		01235 239670

STEP 2– HAZARDS

Explosive	Highly Flammable	Oxidising	Corrosive	Toxic	Dangerous for the Environment	Harmful/Irritant	Serious Longer Term Health Hazards	Contains Gas under Pressure
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

STEP 3 – PRODUCT SUMMARY

Product: Name:	CITRUS GEL / E840	Is There a Workplace Exposure Limit. (WEL) TWA - 8 Hrs :	2-AMINOETHANOL = 2.5 mg/m3 (1 ppm) CYCLOHEXANE = 350 mg/m3 (100 ppm) HYDROCARBONS, C11-C12, ISOALKANES = 1000 mg/m3 (150 ppm)
Container Size:	1 LITRE	Is There a Safer Alternative?	No
Physical Properties:	Citrus based liquid gel, Viscous white – Slightly soluble	Emergency Fire Procedures:	This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.
Product Use:	Liquid gel spot remover for use on carpets, fabrics and most surfaces.	Typical Duration of Use:	30min to 1 hour

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Hazard Classification:	Aquatic Chronic 3 - H412	Typical Method of Use:	As per manufacturer's instructions.
Storage:	Store in closed original container at temperatures between 5°C and 30°C. Keep in cool, dry, ventilated storage and closed containers. Avoid heat, flames and other sources of ignition. Static electricity and formation of sparks must be prevented.	Dilution Ratio:	WARNING! DO NOT USE TOGETHER WITH OTHER PRODUCTS. MAY RELEASE DANGEROUS GASES.
Spillage/Accidental Release:	Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Wash away remainder with plenty of water. Personal protection: P2 filter respirator for harmful particles.	Additional information:	pH Concentrate: 5.0 pH Materials To Avoid Strong acids. Alkalis. Oxidising materials

STEP 4 – TOXICOLOGICAL INFORMATION

EYES:	May be slightly irritating to eyes.	INGESTION:	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis
SKIN:	Product has a defatting effect on skin. May cause allergic contact eczema. Dryness and/or cracking.	INHALATION:	Deliberate excessive inhalation may cause headache, dizziness and breathing irritation.

STEP 5 – RISK ASSESSMENT (likelihood X Severity = Risk)

CATEGORY	HAZARD	POTENTIAL HARM	likelihood	Severity	Risk before Measures	Risk After Measures	COMMENTS
STORAGE	Dropping containers when trying to handle	Risk of spillage if the container is dropped. Risk of injury to user if dropped.	2	3	6	3	Locked and well organised cupboards Trained operatives Storing 5L containers below chest height

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HANDLING / DURING USE	Exposure to product vapour	Breathing irritation, dizziness, headache	2	3	6	3	Inducted operatives Operatives are instructed to use the product in a well ventilated area Competent supervision in place HS refresher training in place SSW in place
DURING USE	Contact the product	Contact eczema, dryness, cracking	3	2	6	2	Inducted operatives PPE provided Competent supervision in place HS refresher trainings in place SSW in place
HANDLING / DURING USE	Expose the product by mouth	Mouth, oesophagus and the gastrointestinal tract irritation,	2	4	8	4	Inducted operatives Hygiene procedures are in place Operatives are not allowed to drink or eat during work hours Competent supervision in place HS refresher training in place SSW in place
DISPOSAL	Disposed the product of via rainwater sewer	May spread in water systems	2	3	6	3	Operatives are instructed as not to use empty containers Environmental awareness training in place Instructed employees HS refresher training in place
OVERALL RISK RATING BEFORE CONTROL: 6.4			Very Low	Low	Medium	High	COMMENTS
				✓			
OVERALL RISK RATING AFTER CONTROL: 5.0			Very Low	Low	Medium	High	
			✓				

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LIKELIHOOD 1. IMPROBABLE OCCURRENCE 2. REMOTED OCCURRENCE 3. REASONABLY PROBABLE OCCURRENCE 4. VERY LIKELY OCCURRENCE 5. ALMOST CERTAIN OCCURRENCE	SEVERITY 1. SLIGHT: NO INJURY or Injury requiring first Aid treatment 2. MINOR: INJURY requiring medical treatment with absence from 3 days to 3 weeks 3. MODERATE: Injury illnesses resulting in temporary disability (eg. fractures) and absence over 3 weeks 4. SERIOUS: Severe injury or permanent disability (e.g loss of limb, sight) property and equipment damage 5. MAJOR: Immediate danger exists, capable of causing death, loss or damage on a wide scale and serious business disruption (e.g. Explosion, fire, structural damage, etc.)	INTERPRETATION 4 and below very Low risk = No further action, but ensure controls are maintained an review 5 to 8 Low risk = Risk Can be tolerated or for only short term. Plan introduction of measures with a define time period 9 to 15 Medium Risk = Planned and introduce further control measures to mitigate the risk within a time scale 16 and Above = Stop activity and immediate action
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STEP 6 – ADDITIONAL RISK FACTORS

New or Un-Trained Employees	Pregnant Women	Visitors/Contractors/ Members of The Public	Slip Hazards	Unsafe Handling/Storage
✓	✓	✓		✓

STEP 7 – PERSONAL PROTECTIVE EQUIPMENT (PPE) to be used

Personal Protective Equipment to be used											
											
Apron	Face Visor	Goggles	Eye Protection	Ear Defenders	Safety Wellingtons	Safety Boots	Overall	Fume/Vapour Mask	Dust Mask	Rubber Gloves	Protective Gloves
			✓							✓	

STEP 8 – PROCEDURES TO BE CARRIED OUT BEFORE STARTING TASK

Read C.O.S.H.H. Assessment	Dilute Chemicals to Manufacturers Instructions	Trained Employees with Appropriate PPE Only to Use This Product.	Place Warning Signs at Access/Egress Point
✓	✓	✓	✓



STEP 9 – EMERGENCY, FIRST AID & DISPOSAL MEASURES

EYES:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention	INGESTION:	Get medical attention immediately! Immediately rinse mouth and drink plenty of water (200-300 ml). Do not give victim anything to drink if they are unconscious. DO NOT INDUCE VOMITING!..
SKIN:	Wash skin with soap and water. Get medical attention if any discomfort continues	INHALATION:	Remove victim immediately from source of exposure. Move into fresh air and keep at rest. For breathing difficulties oxygen may be necessary. Get medical attention..
DISPOSAL ARRANGEMENTS:			
Observe safe handling precautions and local legislation.			

STEP 10 – HEALTH SURVEILLANCE & MONITORING

Details/results of health surveillance:	Not applicable
Details/results of monitoring of exposure:	Not applicable
Arrangements for monitoring compliance (including maintenance of control measures):	• Ongoing training • Tool-box-talks • Presentations (via tablets on-site or DVD at offices) • Quality & Health/Safety site inspections • Auditing process • Management monitoring

STEP 11 – ASSESSMENT FOLLOW UP & REVIEW

Following this assessment:	Review of assessment:
Employees/workers must have been informed of: • The names of substances they may be exposed to; • The risks to health created by exposure; • Any relevant occupational exposure standard, maximum exposure limit or similar self-imposed (in-house) work standard that applies to the substance; • Any information contained on any Safety Data Sheet which relates to the substance; • The significant findings of this assessment; • What precautions to take to protect themselves and others; • The results of any health surveillance; and • The results of any monitoring of exposure.	This assessment must be reviewed/updated : • As part of planned review • If alternative cleaning product/substances are used • If alternative methods or processes are used • Upon client request • Changes to the COSHH, and other relevant, regulations • After consultation with workers or other interested parties • After an accident, incident, near miss or dangerous occurrence