



SAFETY DATA SHEET PROFESSIONAL GLASS

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name PROFESSIONAL GLASS
Product No. PGP005

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Glass cleaner.

1.3. Details of the supplier of the safety data sheet

Supplier TETROSYL LIMITED
 BEVIS GREEN WORKS
 WALMERSLEY
 BURY
 BL9 6RE
 0161 764 5981
 0161 797 5899
 info@tetrosyl.com
Manufacturer TETROSYL LIMITED
 BEVIS GREEN WORKS
 WALMERSLEY
 BURY
 BL9 6RE
 0161 764 5981
 0161 797 5899
 info@tetrosyl.com

1.4. Emergency telephone number

0161 764 5981

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

Classification (1999/45/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008
No pictogram required.

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Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.

Supplemental label information

EUH208	Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.
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2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

2-METHYLPENTANE-2,4-DIOL	1.6%	
CAS-No.: 107-41-5	EC No.: 203-489-0	Registration Number: 01-2119539582-35-XXXX
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38	
ALCOHOLS, C16-18, ETHOXYLATED (APPROX 20 EO)	0.169%	
CAS-No.: 68439-49-6	EC No.: 500-212-8	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. Xi;R41. N;R50.	
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT	6%	
CAS-No.: 64742-47-8	EC No.: 265-149-8	Registration Number: 01-2119484819-18-0001
Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R66.	
HYDROCARBONS, C9 - C11, n-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS	4.8%	
CAS-No.:	EC No.: 919-857-5	Registration Number: 01-2119463258-33-XXXX
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R10,R66,R67.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

PROFESSIONAL GLASS**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

General information

Get medical attention if any discomfort continues. General first aid, rest, warmth and fresh air. NOTE! Effects may be delayed. Keep affected person under observation.

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Get medical attention if any discomfort continues. Immediately rinse mouth and drink plenty of water (200-300 ml).

Skin contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if any discomfort continues.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Do not rub eye. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure. NOTE! Effects may be delayed. Keep affected person under observation.

Inhalation

No specific symptoms noted.

Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

Extinguishing media

Use: Foam, carbon dioxide or dry powder. Water. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

There are no anticipated hazardous decomposition products associated with this material.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

Not relevant

5.3. Advice for firefighters

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Special Fire Fighting Procedures
Not relevant
Protective equipment for fire-fighters
Leave danger zone immediately.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

No specific clean-up procedure noted.

6.4. Reference to other sections

Collect and dispose of spillage as indicated in section 13. For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Read and follow manufacturer's recommendations. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid contact with eyes. Avoid eating, drinking and smoking when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Keep upright. Store in tightly closed original container.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-METHYLPENTANE-2,4-DIOL	WEL	25 ppm	123 mg/m ³	25 ppm	123 mg/m ³	
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT	WEL		1000 mg/m ³			

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

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Respiratory equipment

Respiratory protection not required.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

Wear approved, tight fitting safety glasses where splashing is probable.

Other Protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	Viscous liquid.
Colour	White.
Odour	Characteristic.
Solubility	Soluble in water.
Initial boiling point and boiling range (°C)	100°C
Melting point (°C)	Not determined.
	Scientifically unjustified.
Relative density	1.06
Vapour density (air=1)	Not determined.
	Scientifically unjustified.
Vapour pressure	Not determined.
	Scientifically unjustified.
Evaporation rate	Not determined.
	Scientifically unjustified.
pH-Value, Conc. Solution	9
Viscosity	3000 - 4000 cP 20°C
Decomposition temperature (°C)	Not determined.
	Scientifically unjustified.
Odour Threshold, Lower	Not determined.
	Scientifically unjustified.
Odour Threshold, Upper	Not determined.
	Scientifically unjustified.
Flash point (°C)	>61°C
Auto Ignition Temperature (°C)	Not determined.
	Scientifically unjustified.
Flammability Limit - Lower(%)	Not determined.
	Scientifically unjustified.
Flammability Limit - Upper(%)	Not determined.
	Scientifically unjustified.

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Partition Coefficient
(N-Octanol/Water)
Not determined.
Scientifically unjustified.
Oxidising properties
Not determined.

9.2. Other information

None.

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

No specific reactivity hazards associated with this product.

10.2. Chemical stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Toxic Dose 1 - LD 50

>5000 (Distillates [Petroleum] Hydrotreated Light) mg/kg (oral rat)

Toxic Conc. - LC 50

>5.3 Distillates [Petroleum] Hydrotreated Light) mg/l/4h (inh-rat)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l 2-5 Distillates [Petroleum] Hydrotreated Light)

EC 50, 48 Hrs, Daphnia, mg/l 1.4 Distillates [Petroleum] Hydrotreated Light)

IC 50, 72 Hrs, Algae, mg/l 1-3 Distillates [Petroleum] Hydrotreated Light)

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

PROFESSIONAL GLASS**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 11/10/2013
Revision 8
Supersedes date 24/09/2011 v7
Safety Data Sheet Status Approved.

Risk Phrases In Full

R10 Flammable
R22 Harmful if swallowed.
R65 Harmful: may cause lung damage if swallowed.
R36/38 Irritating to eyes and skin.
NC Not classified.
R66 Repeated exposure may cause skin dryness or cracking.
R41 Risk of serious damage to eyes.
R67 Vapours may cause drowsiness and dizziness.
R50 Very toxic to aquatic organisms.

Hazard Statements In Full

H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.
H400 Very toxic to aquatic life.