



MATERIAL SAFETY DATA SHEET

VERSION 2 - CLP-GHS CLASSIFICATIONS (EC) No. 1272/2008



Ref: 142 – STRIP AWAY GEL

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY:

- 1.1 Product Name:** **STRIP AWAY GEL**
- 1.2 Applications:** Paint & Varnish remover
- 1.3 Supplier:** Palace Chemicals Ltd; Speke Hall Industrial Estate; Speke; Liverpool; L24 1YA
Tel: 0151 486 6101; Fax 0151 448 1982
e-mail: sales@palacechemicals.co.uk; web: www.palacechemicals.co.uk
- 1.4 Emergency Telephone No.** Tel: 0151 486 6101 – Mon-Fri: 0800 - 1800

2. HAZARDS IDENTIFICATION:

- 2.1 Classification (1272/2008):** Acute Toxicity Category 4
Hazard statements: **H320 – Causes eye irritation**
- 2.2 Label elements:**
Key Word: **WARNING**
Precautionary Statements: **P280 - Wear eye protection/ face protection**
P102 - Keep out of reach of children...
P270 - Do not eat, drink or smoke when using this product.
P301/312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P264 Wash skin thoroughly after handling.
P501 - Dispose of contents/container to ...
P264 - Wash hands thoroughly after use.
- 2.3 Other hazards:** No environmental hazards associated with this product

3. COMPOSITION / INFORMATION ON INGREDIENTS:

3.2 Mixtures:

| Name: | CAS No: | EC No. | Concentration: | Classification: |
|--|------------|-----------|----------------|---|
| Benzyl Alcohol | 100-51-6 | 202-859-9 | < 25.0% | H332; 302; Acute Tox. 4 H319; Eye Irrit. 2 |
| Di-Propylene Glycol Mono-Methyl Ether | 34590-94-8 | 252-104-2 | < 25.0% | N/A |
| Di-Basic Ester REACH reg. No. 01-2119537232-48-0007 | 108-32-7 | 203-572-1 | < 15.0% | H319: Causes serious eye irritation |

4. FIRST AID MEASURES:

4.1 Description of measures:

- EYE CONTACT:** Irrigate thoroughly for 15 minutes with clean running water or a boric saline eye wash bottle. Seek medical attention should eye irritation persist or become inflamed.
- INHALATION:** Avoid working in a poorly ventilated, confined space. Remove to fresh air and rest. If irritation or breathing difficulties persist, seek medical attention.
- SKIN CONTACT:** Wash off skin with warm soapy water. Remove contaminated clothing and launder regularly. Prolonged and unattended contact should be avoided. Where irritation to skin is apparent seek medical attention.
- INGESTION:** Clean out mouth with copious volumes of water and drink plenty. Do not induce vomiting. Beware of aspiration if vomiting occurs. Seek prompt medical attention and show this data sheet.

4.2 Acute & Chronic symptoms: Prolonged contact may cause de-fatting of the skin.

4.3 Immediate medical attention: Remove to fresh air & take off contaminated clothing.

5. FIRE FIGHTING MEASURES:

- 5.1 Extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.
5.2 Combustion Hazards: Hazardous decomposition when subject to combustion – will produce noxious, irritating fumes.
5.3 Advice for fire-fighters: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES:

- 6.1 Personal protection:** Wear impermeable PVC Apron, Gloves and goggles.
6.2 Environmental precautions: Keep away from drains, soils, surface & ground waters.
6.3 Spill removal methods: Absorb onto dry granules and contain in clearly marked containers for specialist disposal according to local authority regulations for low VOC liquids. Low volume spillages Do not contaminate water sources or sewer.
6.4 References to other sections: See section 8 for protective equipment when handling

7. HANDLING & STORAGE:

- 7.1 Safe handling precautions:** Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level in very confined spaces.
7.2 (a) Safe storage conditions: Store in tightly closed original container in a dry and cool place. Keep in original container.
7.2 (b) Incompatible materials: Acids & oxidizing agents
7.3 Specific end uses: Paint & Coatings removal

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

| 8.1 Control parameters Substance: | 8 hour exposure limit | 15 minute exposure limit | Source. Type |
|--|---------------------------|--------------------------|-----------------|
| Benzyl Alcohol: | (WEL):10 ppm, 8-hour, TWA | | AIHA |
| DNEL's - (Derived No effect levels) for workers: | | | |
| Exposure pattern: | Route | DNEL | Dose descriptor |
| Acute systemic effects - | Dermal | | |
| Acute systemic effects - | Inhalation | | |
| Acute Local effects - | Dermal | | |
| Acute Local effects - | Inhalation | | |
| PNEC's - Predicted No effect concentration (Environment): | | | |
| Compartment: | PNEC | Dose Descriptor | |
| Fresh water - | | | |
| Sewage treatment - | | | |

8.2 Exposure controls:

- Engineering controls:** Provide adequate general and local exhaust ventilation.
Respiratory protections: No specific recommendation is made, but appropriately specified respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

- Hand protection:** Protective gloves must be used. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Use protective gloves made of nitrile.



- Eye protection:** BS 2092 approved safety Goggles should be worn for all applications to help prevent accidental face/eye contact.



- Eye protections:** Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

- Skin protection:** Wear impermeable overall or apron to prevent skin contact other than hands



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9. PHYSICAL & CHEMICAL PROPERTIES:

| | | | |
|---------------------------------|----------------------|-------------------------------------|---------------------------|
| Appearance: | Clear viscous Gel | Relative density: | 1.09 |
| Odour: | Faint aromatic odour | Water solubility: | Soluble with water |
| Odour threshold: | n/d | Solubility in oils: | Soluble in polar solvents |
| pH: | 3.0 – 4.5 | Partition coefficient (Kow): | n-octanol/water = 1.1 |
| Flash point: | Non Flammable | Auto-ignition temperature: | n/a |
| Melting point: | -15°C | Decomposition temperature: | n/a |
| Boiling point: | 205°C | Evaporation rate: | 0.007 (BuAc=1) |
| Evaporation rate: | 0.007 (BuAc=1) | Viscosity: | 5000 – 10,000 poise |
| Upper/Lower Flam limits: | n/a | Explosive properties: | n/a |
| Vapour pressure: | 0.15mmHg @ 25C (77F) | Oxidising properties: | n/a |
| Vapour density: | 3.72 (Air = 1) | Particle size: | n/a |

10. STABILITY & REACTIVITY:

| | | | |
|-------------------------------------|------------------------------------|---|-------------------------|
| 10.1 Conditions to avoid: | Avoid heat | 10.4 Reactivity: | Stable under normal |
| 10.2 Incompatible Materials: | Acids & Oxidising agents | 10.5 Chemical reactivity: | temperature conditions. |
| 10.3 Decomposition hazards: | Carbon dioxide and carbon monoxide | 10.6 Risk of hazardous reaction: | |

11. TOXICOLOGICAL INFORMATION:

11.1 Information on toxicological effects: This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its' major components.

| | | | |
|-------------------------------|---|--|--|
| Routes of exposure: | Ingestion & Inhalation | Skin Corrosivity / Irritation: | May cause de-fatting of skin, |
| Eye damage/irritation: | Irritating to eyes | Respiratory/skin sensitisation: | n/a |
| Reproductive toxicity: | n/a | Germ cell Mutagenicity: | n/a |
| STOT single exposure: | n/d | Carcinogenicity: | No evidence of carcinogenic properties |
| STOT repeat exposure: | LD50 (oral, rat) 1620 mg/kg LC50 (inhalation) : >4.178 mg/l/4h | Aspiration hazard: | n/a |

12. ECOLOGICAL INFORMATION:

| | | | |
|--|-----------------------|------------------------------------|---------------|
| 12.1 Ecotoxicity: | None | 12.4 Mobility in soil: | Biodegradable |
| 12.2 Bio-accumulative potential: | None accumulative | 12.5 PBT and vPvB result: | n/d |
| 12.3 Persistence & degradability: | Readily biodegradable | 12.6 Other adverse effects: | n/d |

13. DISPOSAL CONSIDERATIONS:

13.1 Waste treatment Methods: Waste material is classified as hazardous waste and should be disposed of by incineration or collected by a registered waste disposal company, operating within the scope of the Hazardous waste Regulations 2005 in the UK or local equivalent regulations in other countries.

14. TRANSPORT INFORMATION:

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

| | | | |
|---|------------|-------------|-------------|
| Regulatory Code (Land, Sea & Air): | ADR | IMDG | ICAO |
| 14.1 UN No.: | | | |
| 14.2 Proper shipping name: | | | |
| 14.3 ADR Packing Group: | | | |
| 14.4 Transport Hazard Class: | | | |
| 14.5 Environmental hazards: | | | |
| 14.6 Special user precautions: | | | |
| 14.7 Transport in bulk – IBC code: | | | |



15. REGULATORY INFORMATION:

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

All components are listed as existing substances in Europe

UK Regulatory References:

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Environmental Listing - Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980.

Statutory Instruments:

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes:

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

EU Legislation:

Dangerous Substance Directive 67/548/EEC.

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. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

National Regulations:

Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

Authorisations (Title VII Regulation 1907/2006) - No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006) - No specific restrictions of use are noted for this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

16. OTHER INFORMATION:

Last revision date: November 2020

SDS No.: 142

List of abbreviations used in this SDS:

| | |
|--------------|--|
| CAS | Chemical abstracts service |
| CLP | Classification, labelling & packaging regulation (EC) No. 1272/2008 |
| DSD | Dangerous substances Directive 67/548/EEC |
| DPD | Dangerous Products Directive 1999/45/EC |
| PBT | Persistent, Bio-accumulative & Toxic |
| REACH | Registration, Evaluation, Authorisation & Restriction of Chemicals Regulation (EC) 1907/2006 |
| vPvB | Very Persistent, very Bio-accumulative |

References: Volume VII Approved supply list; EH40; Croner; Bulk supplier data sheets

Classification methods:

H Phrases in section 3:

Training for workers:

Disclaimer: The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work. This data sheet complies with EC Directive 91/155EC.