

PERMACLEAR LIMITED

SAFETY DATA SHEET in accordance with Regulation (EC) 1907/2006 and Regulation (EU) 453/2010

Product: **Pro"DRY"Clean – WATERLESS CAR BODY WASH, SHINE AND PROTECTION SYSTEM**

MSDS 0253D Version 1 Date compiled June 2111

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name **Pro"DRY"Clean – Waterless Car Body Wash, Shine and Protection System**

Chemical Name A preparation

1.2 Relevant identified uses A preparation to clean cars

1.2.1 Uses advised against Do not mix with other products.

1.3 Details of the supplier of the safety data sheet

Company Details **PermaClear Ltd**
111/115 Scottish Provident Building
7 Donegall Square West, Belfast BT1 6JB

Telephone 02890 437959

Fax 02890333835

E-mail address permaclear@sky.com

1.4 Emergency Telephone Number

Emergency Number +44 (0) 7803 608080

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.2 Classification according to EU Directives 1999/45/EC

Not classified as for supply

2.2 Label elements

2.2.1 Labelling according to EU Directive 1999/45/EC

No special labelling identified.

2.3 Other hazards

No other information is available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1/2 Substance/Mixture

Pro"DRY"Clean is a preparation containing amongst other ingredients

3.2.1 Propanol-2-ol Concentration not greater than 5%

PROPAN-2-OL CAS-No.: 67-63-0 EC No.: 200-661-7

CLASSIFICATION (67/548) F;R11 Xi; R36 R67

CLASSIFICATION (EC 1272/2008) Flam. Liq. 2 – H225 Eye Irrit. 2 – H319

STOT Single 3 - H336

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

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4. FIRST AID MEASURES

4.1 Description of first aid measures

- 4.1.1 General Advice Take off all contaminated clothing immediately.
- Inhalation Remove to fresh air, keep warm and at rest. Keep patient under observation at all times. Obtain medical attention. if symptoms develop.
- Skin contact Remove contaminated clothing. Wash the skin with plenty of water until no 'soapy' feeling remains. Obtain medical attention if symptoms, e.g. redness or irritation, develop.
- Eye contact The eye should be thoroughly irrigated with clean water for not less than 10 minutes. Obtain medical attention if symptoms develop.
- Ingestion Wash out mouth with water and give plenty of water to drink. Do not induce vomiting. If patient feels unwell obtain medical attention.
- Further Medical Treatment None should be required

4.2 Most important symptoms and effects both acute and delayed.

Skin contact: Irritation may occur.

Eye contact: Redness or irritation may occur.

Ingestion: May cause coughing..

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Non-combustible although packaging may burn.

5.1.1 Suitable extinguishing media

Use extinguisher suitable to surrounding fire conditions.

5.1.2 Unsuitable extinguishing media

N/A

5.2 Special hazards arising from the substance/mixture

Fire may cause evolution of toxic fumes.

5.3 Advice for fire fighters

Self contained breathing apparatus should be used if large quantities of product are involved.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non emergency personnel

Small quantities may be mopped up and washed away using plenty of water. Avoid contact with skin and eyes

6.1.2 For emergency responders

In the event of accidental release of bulk liquid wear suitable gloves and eye/face protection. Absorb with liquid binding materials. The product can then be transferred to containers for disposal according to local legislation. The affected area can be cleaned with plenty of water. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.2 Environmental precautions

Refer to Section 12

6.3 Methods and material for containment and cleaning up

Refer to 6.1 above

6.4 Reference to other sections

For personal protection see Section 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Always follow good personal hygiene when working with this product

7.2 Conditions for safe storage, including any incompatibles

Store in original containers in a cool place away from direct sunlight. Keep container upright and tightly closed. Avoid contact with acids and cleaners.

7.3 Specific end uses

Refer to label on container.

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

8.1 Control parameters

N/A

8.2 Exposure controls

8.2.1 Appropriate engineering controls.

Ensure there is sufficient ventilation of the area.

8.2.2 Personal protective equipment

Respiratory protection No special precautions unless working with bulk product for prolonged periods. Self-contained breathing apparatus must be available in case of emergency.

Eye protection. Goggles or safety spectacles when working with bulk product. Ensure eye bath is to hand.

Skin protection Gloves, suitable overalls and footwear where appropriate..

Industrial Hygiene Normal standards of Industrial hygiene should be observed.

Disposal Empty container thoroughly before disposal. Rinse empty container with water and recycle where possible

8.2.3 Environmental exposure controls.

Normal standards of care should be observed

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	White liquid
Odour	Smell of solvent
Odour threshold	currently not available
pH	6.5-7.5 neat
Melting point/Frezing Point	about -5 deg C
Initial boiling point and boiling point range	about 100 deg C
Flash point	Greater than 60 deg C
Evaporation rate	currently not available
Flammability (solid, gas)	does not ignite
Upper flammability or explosive limits	not applicable
Vapour pressure	currently not available
Vapour density	currently not available
Relative density	1 approx
Solubility(ies)	Emulsifiable in water
Partition coefficient: n-octanol/water	currently not available
Autoignition temperature	does not burn
Decomposition temperature	currently not available
Viscosity	similar to water
Explosive properties	not explosive
Oxidising properties	currently not available

9.2 Other information no further information available

10. STABILITY AND REACTIVITY

10.1 <u>Reactivity</u>	The product is not reactive..
10.2 <u>Chemical stability</u>	Stable.
10.3 <u>Possibility of hazardous reactions</u>	No information available
10.4 <u>Conditions to avoid</u>	Heat
10.5 <u>Incompatible materials</u>	No information available.
10.6 <u>Hazardous decomposition product</u>	No information available.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

No specific information available.

Inhalation Not a predictable hazard in normal use.

Skin contact There is little danger of cold product causing damage to the skin but dryness, irritation and reddening may occur with repeated or prolonged contact.

Eye contact May cause irritation and redness.

Ingestion Large doses may result in a burning sensation in the mouth and throat, inability to swallow, and irritation of the gastro-intestinal tract with nausea and vomiting.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No bioaccumulation expectedl.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

No information available

12.6 Other adverse effects

Toxic to aquatic organisms.

Environmental hazard is unlikely provided the product is handled and disposed of with due care in accordance with normal household practice on following the instructions on the label..

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal should be in accordance with local, county or national legislation. Small quantities may be washed away using plenty of water. Dispose of contents by diluting as per directions for use. Thoroughly rinse empty container and recycle where possible.

14. TRANSPORT INFORMATION

In its normal packaging this product is not classified as hazardous for transport.

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15. REGULATORY INFORMATION

- 15.1 Safety, health and and environmental regulations/legislation specific for the substance or mixture
Health, safety and environmental details to be shown on label. Ref. Directive 1999/45EC.
Refer to Section 2
- 15.2 Chemical safety assessment
Currently not available.

16. OTHER INFORMATION

List of relevant R-phrases not included in Sections 2 and 3

RISK PHRASES IN FULL

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

HAZARD STATEMENTS IN FULL

H319 Causes serious eye irritation.

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

DISCLAIMER

The product information in this Data Sheet is, to the best of PermaClear's knowledge, correct as at the date of publication. No warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself/herself that the product is suitable for his/her purpose.