



Section 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation: PROKLEAR ANTI FOG

Use of the substance/preparation: Anti Fog / Defog / Anti Steam mix solution

Company/undertaking Identification: PROKLEAR
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Section 2: HAZARD IDENTIFICATION

This product is not classified as dangerous under the Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 and the Dangerous Preparations Directive (1999/45/EC).

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances classified as dangerous according to Directive 67/548/EEC, if present (individually, or in combination) in concentrations exceeding those defined under 1907/2006.

Name	EC Number	CAS Number	Content (% W/W)	Hazard Symbol(s)	R-Phrase(s)
2-Propanol	200-661-7	67-63-0	5 - 25	F,Xi	R 11-36-67

Additional substances, listed according to 648/2004

More than 10%	De ionized water
Less than 0.1%	Non aqueous solvents

Section 4: FIRST AID MEASURES

<i>Inhalation</i>	If patient feels unwell, remove from exposure and keep warm and at rest. If symptoms persist, seek medical attention.
<i>Contact with skin</i>	Wash the affected area thoroughly with soap and water
<i>Contact with eyes</i>	Immediately irrigate with eyewash solution or clean water. If irritation persists/develops, seek medical advice.
<i>Ingestion</i>	Wash out mouth and dilute ingested chemicals with plenty of milk or water. Seek medical advice as a precautionary measure.
<i>First aid facilities:</i>	Eyewash and normal washroom facilities.
<i>Advice to doctor:</i>	Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

*******This product is not flammable*******

<i>Extinguishing media</i>	Water, foam, carbon dioxide, dry powder or water fog.
<i>Hazardous decomposition products</i>	None noted.
<i>Special fire fighting Measures</i>	There is no specific risk resulting from toxic fumes derived from this product. However, it is advisable that fire-fighters wear self-contained positive pressure breathing apparatus and full, chemical proof, turnout gear.

Section 6: ACCIDENTAL RELEASE MEASURES

<i>Personal precautions</i>	Suitable personal protection should be worn whilst dealing with spillage/accidental release. Refer to section 8 for further details.				
<i>Environmental Precautions</i>	Wash spillage area with water to dilute. Do not discharge into natural waters without pretreatment at a water waste/sewage/biological processing plant.				
<i>Methods for cleaning up</i>	<table border="0"> <tr> <td>Small spills (<5L)</td> <td>May be washed down the drain with water</td> </tr> <tr> <td>Large spills (>5L)</td> <td>Should be contained with absorbent material and disposed of professionally.</td> </tr> </table>	Small spills (<5L)	May be washed down the drain with water	Large spills (>5L)	Should be contained with absorbent material and disposed of professionally.
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Section 7: HANDLING AND STORAGE

<i>Handling</i>	No protection is required, however, as with all chemical products, eye and skin protection are advisable if repeated exposure or splashing may occur. At all times, observe good hygiene and working practices i.e. wash hands prior to eating, drinking, smoking or using toilet facilities.
<i>Storage</i>	Store in original, closed containers, in a cool (20°C), dry and well ventilated area. Avoid sharp edges and other potential sources of puncture. Ensure product is stacked safely.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<i>Occupational exposure limits</i>	No occupational exposure limits listed (EH40 – UK Health and Safety Executive) for hazardous components listed in section 3.
<i>Hand/Eye/Skin Protection</i>	Protection is not required for normal use. Hand, eye and skin protection should be worn if repeated exposure or splashing may occur. In case of spillage, rubber boots and PVC suit should be worn.
<i>Respiratory Protection</i>	Not normally required due to low volatility.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<i>Appearance:</i>	Colorless
<i>Odour:</i>	Slight odor
<i>Freezing Point:</i>	> -15 °C
<i>Boiling point:</i>	>100 °C
<i>Flash point:</i>	>65 °C
<i>pH:</i>	5.8-6.8 @ 20°C (pH Neutral)
<i>Relative density:</i>	0.99 g/ml @ 20°C
<i>Solubility:</i>	Soluble in water in all proportions
<i>Viscosity:</i>	10~50 cSt

Section 10: STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Materials to avoid</i>	Strong oxidizing agents.
<i>Conditions to avoid</i>	Excessive heat and cold. Direct sunlight.
<i>Hazardous reaction Products</i>	None noted

Section 11: TOXICOLOGICAL INFORMATION

<i>Acute toxicity:</i>	Not applicable
<i>Inhalation:</i>	Low risk – not volatile. Prolonged exposure may cause symptoms such as sneezing and coughing.
<i>Skin:</i>	Low risk. Prolonged contact may cause dryness to sensitive skin.
<i>Eye:</i>	Low risk. May cause irritation if not rinse out of eyes.
<i>Ingestion:</i>	Low risk. May cause stomach discomfort and nausea.

Section 12: ECOLOGICAL INFORMATION

<i>Ecotoxicity</i>	None of the ingredients listed as hazardous components listed in section 3 present an appreciable risk to the environment.
<i>Persistence and Degradability</i>	Easy to eliminate. Biological degradability > 90%
<i>Bioaccumulative Potential</i>	Does not bioaccumulate.
<i>Other adverse effects</i>	None

Section 13: DISPOSAL CONSIDERATIONS

Dispose of according to relevant government regulations. Empty containers should be rinsed with water prior to disposal or recycling. If necessary, quantities greater than 5 Liters/Kilograms should be treated by a professional disposal company.

Section 14: TRANSPORT INFORMATION

	<i>UN number</i>	<i>Proper shipping name</i>	<i>Hazard Identification number</i>	<i>Class</i>	<i>Packing group</i>
<i>Land transport: ADR/RID</i>	Not classified as dangerous for transport				
<i>Sea transport: IMDG</i>	Not classified as dangerous for transport				
<i>Air transport: IATA/ICAO</i>	Not classified as dangerous for transport				

Section 15: REGULATORY INFORMATION

Hazard symbol(s)

None

R-phrase(s):

None

S-phrase(s):

S25 Avoid contact with eyes

Guiding information:

This product is classified, labeled and packaged according to the Chemicals (Hazard Information and Packaging for Supply) Regulations (United Kingdom) 2009 and to the Approved Classification and labeling Guide (Sixth Edition).

Additional reference has also been made to EC Directive 67/548/EEC (Dangerous Substances Directive) and conformity with EC Directive 1999/45/EC (Dangerous Preparations Directive) has been checked.

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

The information within this data sheet has been collated from EC regulation 790/2009 (amended 1272/2008), the CESIO recommendations for Anionic and Non-ionic surfactants (2006), the EH40/2005 Workplace Exposure limits, the Detergent Ingredients Database (DID-list, maintained by Ecolabeling Norway on behalf of the European Commission), CESIO recommendations for the classification and labeling of surfactants as "Dangerous for the Environment", breach Registered Substances Database IUCLID5) and from ingredient safety data sheets.

The data should be considered when making any assessment under the Control of Substance Hazardous to Health (COSHH) Regulations.

Section 16: OTHER INFORMATION

Full text of R-phrases, if mentioned as hazardous components in section 3.

R10	Flammable
R20	Harmful by inhalation
R36/37	Irritating to eyes and respiratory system.

PLEASE NOTE: the above risk phrases refer to the full strength ingredients, NOT to PROKLEAR ANTIFOG product.

The information contained herein is believed to be accurate and is given in good faith. No warranty or guarantee is implied. Recipients must take responsibility for observing existing laws and regulations.