

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name: Waxaddict Glass Cleaner
Product Code: Magicglaze Glas Cleaner
Prepared Date: 01/11/2016 (REVISION 1)

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

Trade Names: DIMETHYL CARBINOL, IPA, ISOPROPANOL, PROPAN-2-OL

1.3 Details of the supplier of the safety data sheet

Supplier: The Works Group
 Unit 1a Dearne Royd Works
 Scissett
 Huddersfield
 West Yorkshire
 HD8 9HS
 United Kingdom
 t: 0845 003 9505
 email: info@waxaddict.co.uk

1.4 Emergency telephone number

9:00 – 17:00 UK Hours 0845 003 9505

2 HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Liq. 2 - H225
Health Hazards Eye Irrit. 2 - H319; STOT SE 3 - H336
Environmental Hazards Environment Not classified.

Classification (67/548/EEC) F;R11 Xi;R36 R67

2.2 Label elements

Contains: PROPAN-2-OL TECH
 Label In Accordance With (EC) No. 1272/2008

**Hazard Statements:**

H225 Highly flammable liquid and vapour.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness

Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P233 Keep container tightly closed.
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P313 Get medical advice/attention

Supplementary Precautionary Statements:

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P337	If eye irritation persists:
P370+378	In case of fire: Use ... for extinction.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P403+235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to ...

2.3 Other Hazards

Not Classified as PBT/vPvB by current EU criteria.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Product name	PROPAN-2-OL TECH
REACH	Registration number Not supplied
REACH	Registration notes Not provided by supplier.
CAS-No.	67-63-0
EU Index No.	603-117-00-0
EC No.	200-661-7

4 FIRST-AID MEASURES

4.1 Description of first aid measures

General Advice:	If you feel unwell during use seek medical advice immediately.
Inhalation:	Avoid breathing vapours, Move to fresh air.
Skin Contact:	Wash with soap and water, if skin irritation persists seek medical advice.
Eye Contact:	Rinse thoroughly with plenty of water and seek medical advice.
Ingestion:	Rinse mouth. Drink Water. DO NOT induce vomiting. Seek medical help.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	No Symptoms
Skin Contact:	There may be mild irritation at the site of contact.
Eye Contact:	There may be irritation and redness.
Ingestion:	There may be irritation of throat.

5 FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media: Alcohol resistant foam. Carbon Dioxide (CO₂). Dry Chemical Powder.

5.2 Special Hazards arising from the substance or mixture

Exposure Hazards: Heating can release hazardous gases.

5.3 Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demanded.

5.4 Extinguishing media which must not be used for safety reasons:

Not Applicable

5.5 Specific Methods:

Not applicable.

6 ACCIDENTAL RELEASE MEASURES

Spill Clean Up Methods

Wear necessary protective equipment. Absorb in dry sand or earth and place into containers. Do not contaminate water sources or sewer.

7 HANDLING & STORAGE

Technical Measures/precautions:	Use only in well ventilated area.
Storage Precautions:	Avoid prolonged contact with skin and clothing. Wash after use.
Storage Temperature	Min 0 deg C / Max 49 deg C

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Skin Protection Requirements:	Use protective gloves for sensitive skin.
Respiratory Equipment	No specific recommendation made.
Exposure Limits:	Not applicable.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Colourless.
Odour Characteristic.	Alcoholic
Solubility	Miscible with water
Initial boiling point and boiling range	82
Melting point (°C)	- 89
Relative density	0.786 20
Vapour density (air=1)	2.07
Vapour pressure	33 mm Hg 20
Evaporation rate	1.2
pH-Value, Conc. Solution	Neutral (approx. 7)
Viscosity	2.65 cSt 20c
Decomposition temperature (°C)	Not available.
Flash point	12
Auto Ignition Temperature (°C)	425
Flammability Limit - Lower(%)	2.0
Flammability Limit - Upper(%)	12.7
Solid: Burning time.	Not applicable
Aerosol ignition distance	Not applicable
Aerosol flame height	Not applicable

10 STABILITY AND REACTIVITY

10.1 Reactivity

Reaction with acid chlorides, chlorine and phosphorus chlorides forms toxic chloroacetones. Water loss occurs over alumina or sulphuric acid to form diisopropyl ether and propylene which are both flammable.

10.2. Chemical stability

Stable when stored in sealed container at normal temperatures and in a suitable location. Evaporation will occur if the containers are not sealed correctly. Agitation of the substance in storage containers may produce a build up of electrostatic charge. Forms explosive mixtures with air.

10.3. Possibility of hazardous reactions

Hazardous reactions as specified in section 10.1. Heat and gaseous products may be formed that would build up pressure in a sealed container, do not mix with incompatible materials. Oxidation which is highly exothermic occurs above 300C.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid sources of heat and ignition. Avoid direct sunlight and moisture. Avoid storage with incompatible materials. Avoid storage in freezing conditions. Avoid storage near to unprotected drainage systems. It is advisable to store the product within some form of containment to prevent spillages reaching drainage systems. Situations that would produce vibration or agitation of the substance in storage containers as there is the potential to build up static charge, particularly in metal or compatible plastic containers. Do not allow the storage container to be left exposed to the atmosphere. Avoid storage in an unstable manner or in a situation that would result in exposure to the product.

10.5. Incompatible materials

Materials To Avoid

Acids. Halogenated compounds Oxidising agents. Acid anhydrides. Aluminium. Some plastics and rubber.

10.6. Hazardous decomposition products

None under normal conditions. See section 5 for hazardous combustion products

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

Intoxicating if inhaled or ingested.

INHALATION

May cause transient irritation to the respiratory system. Exposure to high vapour concentration may cause central nervous system depression or systemic effects similar to those of ingestion.

INGESTION

May cause nausea, vomiting, dizziness and depression of CNS.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking.

EYE CONTACT

May cause transient eye irritation or damage.

HEALTH WARNINGS

Repeated exposure may cause allergic contact dermatitis.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Regarded as having low toxicity to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

Disposal Methods:

This material and/or its container must be disposed of as hazardous waste according to Hazardous Waste Regulations [2005], or according to local regulations, in compliance with Duty of Care Regulations.

WASTE CLASS

WASTE CODE: 0705** HAZARDOUS PROPERTY: H3-B; H4

14 TRANSPORTATION INFORMATION



PROPER SHIPPING NAME	ISOPROPANOL (ISOPROPYL ALCOHOL)	
ROAD TRANSPORT NOTES	Flash point: 12°C	
UN NO. ROAD	1219	ADR CLASS NO. F1
ADR CLASS	3	ADR PACK GROUP II
HAZARD NO. (ADR)	33	ADR LABEL NO. 3
HAZCHEM CODE	2YE	

15 REGULATORY INFORMATION

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. Regulation (EU) 453/2010.

16 OTHER INFORMATION

RISK PHRASES IN FULL

R11	Highly flammable
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

HAZARD STATEMENT IN FULL

H319	Causes serious eye irritation.
H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.

Legal Disclaimer:

The above information is believed to be accurate. However neither the above named supplier or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards that exist.

END OF SAFETY DATA SHEET