

SDS conforms with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends (EC) No 2015/830, 453/2010 & 1907/2006)" and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020".



## SAFETY DATA SHEET CLEAR

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	CLEAR
Product number	A096 EV
Internal identification	Professional Hygiene
UFI	UFI: 5CTE-H10F-CG0K-TSK7

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

Identified uses	Neutral, cleaner for Glass, Mirrors and Stainless Steel. Suitable for use in the food Industry.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	UK Supplier: Evans Vanodine International plc, Brierley Road, Walton Summit, Preston, PR5 8AH, UK. Tel: 01772 322 200. e-mail: productcompliance@evansvanodine.co.uk	EU Supplier: Evans Vanodine Europe (FR), 3 Boulevard de Belfort, 1st Floor, Lille, 59000, France. Tel: +33 (0)3 76 04 21 87.
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#### 1.4. Emergency telephone number

Emergency telephone	New Safety Data Sheets - 01772 322 200 - Mon to Thurs 8.30am to 4.30pm - Fri 8.30am to 1.30pm (Also available 24/7 from our website <a href="http://www.evansvanodine.co.uk">www.evansvanodine.co.uk</a> ) For Technical Advice about this SDS - 01772 318 818 - Mon to Thurs 8.00am to 5.30pm
National emergency Telephone number	For Health Care Professionals only For use in UK: Contact the National Poisons Information Service for further advice. For use in the Republic of Ireland: To report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166 – 8am to 10pm every day). For use in Malta: Emergency services (Ambulance, Fire and Rescue, Police) : 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture Classification (EU: 1272/2008 & UK: SI 2020/1567 which amends SI 2019 No. 720)

Physical hazards	Flam. Liq. 3 - H226
Health hazards	Not Classified
Environmental hazards	Not Classified

#### 2.2. Label elements

Hazard pictograms



Signal word                      Warning

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Hazard statements	H226 Flammable liquid and vapour.
Precautionary statements	P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P301+P313 IF SWALLOWED: Get medical advice/ attention. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/ container in accordance with local regulations.

Contains PROPAN-2-OL

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Including - Endocrine disrupting properties: None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

PROPAN-2-OL	3-5%
CAS number: 67-63-0	EC number: 200-661-7
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	
2-BUTOXYETHANOL	1-3%
CAS number: 111-76-2	EC number: 203-905-0
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	

The Full Text for all Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.
Skin contact	Wash with plenty of water.
Eye contact	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

## CLEAR

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known. But - May cause discomfort if swallowed.
Skin contact	No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.
Eye contact	No specific symptoms known. Prolonged contact may cause redness and/or tearing.

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

Notes for the doctor	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Extinguish with foam, carbon dioxide, dry powder or water fog.
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### 5.2. Special hazards arising from the substance or mixture

Specific hazards	Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours. May explode when heated or when exposed to flames or sparks.
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### 5.3. Advice for firefighters

Special protective equipment for firefighters	Keep containers cool by spraying with water to reduce explosion risks. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	No smoking, sparks, flames or other sources of ignition near spillage.
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### 6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.
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### 6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions	Eliminate all sources of ignition.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Keep away from heat, sparks and open flame.
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### 7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
Usage description	See Product Information Sheet & Label for detailed use of this product.

## CLEAR

**SECTION 8: Exposure controls/Personal protection****8.1. Control parameters Occupational exposure limits****PROPAN-2-OL**Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>**2-BUTOXYETHANOL**Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m<sup>3</sup>Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

**8.2. Exposure controls**

Appropriate engineering controls	This product must not be handled in a confined space without adequate ventilation.
Eye/face protection	No specific eye protection required during normal use.
Hand protection	No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.
Other skin and body protection	None required.
Respiratory protection	Respiratory protection not required.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	Liquid.
Colour	Clear. Blue.
Odour	Faint Alcoholic.
pH	pH (concentrated solution): 7.30
Melting point	-5°C
Initial boiling point and range	85°C @ 760 mm Hg
Flash point	57°C . Measured using test method, Pensky-Martens closed cup.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Density=0.992 @ 20°C
Solubility(ies)	Soluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not available.

## CLEAR

9.2. Other information

Other information	None.
Particle size	Not applicable.

**SECTION 10: Stability and reactivity**10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	No particular stability concerns.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	See sections 10.1, 10.4 & 10.5
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.
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**SECTION 11: Toxicological information**11.1. Information on toxicological effects

Toxicological effects	We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD <sub>50</sub> or ATE figures provided by the Raw Material Manufacturer.
Other health effects	Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.
<u>Acute toxicity - oral</u>	
Notes (oral LD <sub>50</sub> )	Based on available data the classification criteria are not met.
ATE oral (mg/kg)	129,988.3
<u>Acute toxicity - dermal</u>	
Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.
ATE dermal (mg/kg)	100,090.99
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC <sub>50</sub> )	Based on available data the classification criteria are not met.
ATE inhalation (vapours mg/l)	1,009.91
<u>Skin corrosion/irritation</u>	
Summary	Not applicable.
<u>Serious eye damage/irritation</u>	
Summary	Not applicable.

## CLEAR

Respiratory sensitisation

Summary Not applicable.

Skin sensitisation

Summary Not applicable.

Germ cell mutagenicity

Summary Not applicable.

Carcinogenicity

Summary Not applicable.

Reproductive toxicity

Summary Not applicable.

Specific target organ toxicity - single exposure

Summary Not applicable.

Specific target organ toxicity - repeated exposure

Summary Not applicable.

Aspiration hazard

Summary Not applicable.

11.2. Information on other Hazards None known.

11.2.1 Endocrine disrupting properties None known.

**SECTION 12: Ecological information**

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2. Persistence and degradability

Persistence and degradability This product, at use dilutions, is readily broken down in biological effluent treatment plants.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient Not applicable.

12.4. Mobility in soil

Mobility Not known.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Endocrine disrupting properties None known.

12.7. Other adverse effects

Other adverse effects None known.

## CLEAR

**SECTION 13: Disposal considerations**13.1. Waste treatment methods

Disposal methods                      Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

**SECTION 14: Transport information**

General                                      750ml & 5L As supplied, this product is consigned under the Limited Quantities provisions.

14.1. UN number

UN No. (ADR/RID)                      1987

UN No. (IMDG)                            1987

UN No. (ICAO)                            1987

14.2. UN proper shipping name

Proper shipping name (ADR/RID)    ALCOHOLS, N.O.S. (isopropanol)

Proper shipping name (IMDG)        ALCOHOLS, N.O.S. (isopropanol)

Proper shipping name (ICAO)        ALCOHOLS, N.O.S. (isopropanol)

14.3. Transport hazard class(es)

ADR/RID class                            Class 3: Flammable liquids.

ADR/RID label                            3

IMDG class                                Class 3: Flammable liquids.

ICAO class/division                    Class 3: Flammable liquids.

## Transport labels

14.4. Packing group

ADR/RID packing group                III

IMDG packing group                    III

ICAO packing group                    III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

14.6. Special precautions for user

EmS                                         F-E, S-D

Tunnel restriction code                (D/E)

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk according to        Not relevant for a packaged product.  
Annex II of MARPOL  
And the IBC Code

## CLEAR

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Legislation**

Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020."

The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020." (which amends SI 2019 No.720).

Ingredients are listed with classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020." (which amends SI 2019 No.720).

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

**SECTION 16: Other information****Abbreviations and acronyms used in the safety data sheet**

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Dangerous Goods.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.

GHS: Globally Harmonized System.

**Classification abbreviations and acronyms**

Acute Tox. = Acute toxicity

Eye Irrit. = Eye irritation

Flam. Liq. = Flammable liquid

Skin Irrit. = Skin irritation

STOT SE = Specific target organ toxicity-single exposure

**Key literature references and sources for data**

Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&L Inventory database.

**Classification procedures**

Calculation Method.

**Revision comments**

New Evans Logo & EU Address - No change in Product Classification. (Changes made to sections 1+16)

**Revision date**

01/10/2024

**Revision**

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The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.

**Hazard statements in full**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.