

## SAFETY DATA SHEET

### ISOPROPANOL ELECTRONIC CLEANING FLUID

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name ISOPROPANOL ELECTRONIC CLEANING FLUID  
 Product No. IPA-p, EIPA12P, ZE

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

Identified uses Cleaning Product  
 Uses advised against At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

##### 1.3. Details of the supplier of the safety data sheet

Supplier ELECTROLUBE. A division of HK  
 WENTWORTH LTD  
 ASHBY PARK, COALFIELD WAY,  
 ASHBY DE LA ZOUCH, LEICESTERSHIRE  
 LE65 1JR  
 UNITED KINGDOM  
 +44 (0)1530 419600  
 +44 (0)1530 416640  
 info@hkw.co.uk

##### 1.4. Emergency telephone number

+44 (0)1530 419600 between 8.30am - 5.00pm GMT Mon – Fri

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

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

###### Classification (67/548/EEC)

Xi; R36. F; R11. R67.

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

##### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



###### Signal Word

Danger

###### 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.
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# ISOPROPANOL ELECTRONIC CLEANING FLUID

P280  
P305+351+338

Wear protective gloves, eye and face protection.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.

## Supplementary Precautionary Statements

P261  
P313

Avoid breathing vapour/spray.  
Get medical advice/attention.

## 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

PROPAN-2-OL	80-100%
CAS-No.: 67-63-0	EC No.: 200-661-7
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67

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

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### Ingestion

Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.  
DO NOT INDUCE VOMITING!

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

#### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

#### Inhalation

Vapours may cause drowsiness and dizziness.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

#### Eye contact

May cause severe irritation to eyes.

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

Treat Symptomatically. No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

# ISOPROPANOL ELECTRONIC CLEANING FLUID

## 5.2. Special hazards arising from the substance or mixture

### Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### Specific hazards

Oxides of: Carbon.

## 5.3. Advice for firefighters

### Special Fire Fighting Procedures

Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Dike and collect extinguishing water.

### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Follow precautions for safe handling described in this safety data sheet. Do not smoke, use open fire or other sources of ignition. Take precautionary measures against static discharges. Provide adequate ventilation.

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Avoid inhalation of vapours and spray mists.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in original container. Keep away from heat, sparks and open flame.

### Storage Class

Flammable liquid storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

### Ingredient Comments

WEL = Workplace Exposure Limits

# ISOPROPANOL ELECTRONIC CLEANING FLUID

## PROPAN-2-OL (CAS: 67-63-0)

### DNEL

Industry	Dermal	888	mg/kg/day
Industry	Inhalation.	500	mg/m3
Consumer	Dermal	319	mg/kg/day
Consumer	Inhalation.	89	mg/m3
Consumer	Oral	26	mg/kg/day

### PNEC

Freshwater	140.9	mg/l
Marinewater	140.9	mg/l
Sediment	552	mg/kg
Soil	28	mg/kg

## 8.2. Exposure controls

### Protective equipment



### Process conditions

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

### Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

### Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use respiratory equipment with combination filter, type A2/P3. EN14387

### Hand protection

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Butyl rubber gloves are recommended. Gloves should conform to EN374

### Eye protection

Wear approved, tight fitting safety glasses where splashing is probable. EN166

### Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke. Eating, smoking and water fountains prohibited in immediate work area.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Initial boiling point and boiling range (°C)	82 (179.6 F)
Relative density	0.790 @ 20 °C (68 F)
Vapour density (air=1)	2.8
Vapour pressure	4.16 kPa @ 20 °C (68 F)
Viscosity	@ °C
Flash point (°C)	12 (53.6 F) CC (Closed cup).
Auto Ignition Temperature (°C)	425 (797 F)
Flammability Limit - Lower(%)	2.50
Flammability Limit - Upper(%)	12.70

### 9.2. Other information

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reaction with: Strong oxidising agents.

### 10.2. Chemical stability

# ISOPROPANOL ELECTRONIC CLEANING FLUID

Stable under normal temperature conditions and recommended use.

## **10.3. Possibility of hazardous reactions**

### **Hazardous Polymerisation**

Will not polymerise.

## **10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.

## **10.5. Incompatible materials**

### **Materials To Avoid**

Strong oxidising substances.

## **10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Acute toxicity:**

##### **Acute Toxicity (Oral LD50)**

5280 mg/kg Rat

##### **Acute Toxicity (Dermal LD50)**

12800 mg/kg Rabbit

##### **Acute Toxicity (Inhalation LC50)**

72.6 mg/l (vapours) Rat 4 hours

#### **Respiratory or skin sensitisation:**

##### **Skin sensitisation**

Buehler test: Guinea Pig

Not Sensitising.

##### **Inhalation**

May cause irritation to the respiratory system. Vapours may cause drowsiness and dizziness.

##### **Ingestion**

May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

##### **Skin contact**

Irritating to skin. Prolonged contact may cause dryness of the skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

##### **Eye contact**

Irritating to eyes.

##### **Route of entry**

Skin absorption. Ingestion. Skin and/or eye contact.

##### **Target Organs**

Central nervous system Eyes Respiratory system, lungs Skin

##### **Medical Symptoms**

Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. Skin irritation. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo.

#### **Toxicological information on ingredients.**

**ISOPROPANOL ELECTRONIC CLEANING FLUID**  
**PROPAN-2-OL (CAS: 67-63-0)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

5280 mg/kg Rat

**Acute Toxicity (Dermal LD50)**

12800 mg/kg Rabbit

**Acute Toxicity (Inhalation LC50)**

72.6 mg/l (vapours) Rat 4 hours

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**12.1. Toxicity**

**Acute Fish Toxicity**

Not considered toxic to fish.

**Acute Toxicity - Fish**

LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)

**Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 13299 mg/l Daphnia magna

**Acute Toxicity - Aquatic Plants**

EC50 72 hours > 1.000 mg/l Scenedesmus subspicatus

**Acute Toxicity - Microorganisms**

EC50 > 1.000 mg/l Activated sludge

**Ecological information on ingredients.**

**PROPAN-2-OL (CAS: 67-63-0)**

**Acute Toxicity - Fish**

LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)

**Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 13299 mg/l Daphnia magna

**Acute Toxicity - Aquatic Plants**

EC50 72 hours > 1.000 mg/l Scenedesmus subspicatus

**Acute Toxicity - Microorganisms**

EC50 > 1.000 mg/l Activated sludge

**12.2. Persistence and degradability**

**Degradability**

The product is biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential**

Will not bio-accumulate.

**12.4. Mobility in soil**

**Mobility:**

The product is soluble in water.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**12.6. Other adverse effects**

Not determined.

**SECTION 13: DISPOSAL CONSIDERATIONS**

# ISOPROPANOL ELECTRONIC CLEANING FLUID

## General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. Do not puncture or incinerate even when empty. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN)	1219
UN No. (IMDG)	1219
UN No. (ICAO)	1219

### 14.2. UN proper shipping name

Proper Shipping Name	ISOPROPANOL (ISOPROPYL ALCOHOL)
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### 14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	



### 14.4. Packing group

ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

### 14.6. Special precautions for user

EMS	F-E, S-D
Emergency Action Code	•2YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

# ISOPROPANOL ELECTRONIC CLEANING FLUID

## Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716). Control of Substances Hazardous to Health.

## Guidance Notes

Workplace Exposure Limits EH40.

## EU Legislation

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

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.

## 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

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Issued By	Helen O'Reilly
Revision Date	APRIL 2013
Revision	7
SDS No.	10514
<b>Risk Phrases In Full</b>	
R11	Highly flammable
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.
<b>Hazard Statements In Full</b>	
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

## Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



## SAFETY DATA SHEET

### ISOPROPANOL CLEANING FLUID

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name ISOPROPANOL CLEANING FLUID  
 Product No. IPA-a, EIPA200H, EIPA400H, ZE

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

Identified uses Cleaning Product  
 Uses advised against At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

##### 1.3. Details of the supplier of the safety data sheet

Supplier ELECTROLUBE. A division of HK  
 WENTWORTH LTD  
 ASHBY PARK, COALFIELD WAY,  
 ASHBY DE LA ZOUCH, LEICESTERSHIRE  
 LE65 1JR  
 UNITED KINGDOM  
 +44 (0)1530 419600  
 +44 (0)1530 416640  
 info@hkw.co.uk

##### 1.4. Emergency telephone number

+44 (0)1530 419600 between 8.30am - 5.00pm GMT Mon – Fri

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Aerosol 1 - H222
Human health	Eye Irrit. 2 - H319; STOT SE 3 - H336
Environment	Not classified.

###### Classification (1999/45/EEC)

Xi; R36. F+; R12. R67.

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

###### Physical and Chemical Hazards

Aerosol containers can explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

##### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



###### Signal Word

Danger

###### Hazard Statements

H222	Extremely flammable aerosol.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

# ISOPROPANOL CLEANING FLUID

## Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
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

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing vapour/spray.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

## 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

PROPAN-2-OL		80-100%
CAS-No.: 67-63-0	EC No.: 200-661-7	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Flam. Liq. 2 - H225	F;R11	
Eye Irrit. 2 - H319	Xi;R36	
STOT SE 3 - H336	R67	

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

## Composition Comments

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Get medical attention.

#### Ingestion

Immediately rinse mouth and provide fresh air.

#### Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

### 5.2. Special hazards arising from the substance or mixture

# ISOPROPANOL CLEANING FLUID

## Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire.

## Specific hazards

Aerosol containers can explode when heated, due to excessive pressure build-up. Vapours may be ignited by a spark, a hot surface or an ember. Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

## 5.3. Advice for firefighters

### Special Fire Fighting Procedures

Move container from fire area if it can be done without risk.

### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, dry sand or earth and place into containers. Ventilate well.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Provide good ventilation.

### 7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

#### PROPAN-2-OL (CAS: 67-63-0)

##### DNEL

Industry	Dermal	888	mg/kg/day
Industry	Inhalation.	500	mg/m <sup>3</sup>
Consumer	Dermal	319	mg/kg/day
Consumer	Inhalation.	89	mg/m <sup>3</sup>
Consumer	Oral	26	mg/kg/day

##### PNEC

Freshwater	140.9	mg/l
Marinewater	140.9	mg/l
Sediment	552	mg/kg
Soil	28	mg/kg

### 8.2. Exposure controls

# ISOPROPANOL CLEANING FLUID

## Protective equipment



### Process conditions

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

### Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

### Respiratory equipment

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3). EN14387

### Hand protection

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Nitrile gloves are recommended. Gloves should conform to EN374

### Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable. EN166

### Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Aerosol. Liquid
Colour	Colourless.
Odour	Characteristic.
Solubility	Insoluble in water
Initial boiling point and boiling range (°C)	82 (179.6 F)
Melting point (°C)	-89 (-128.2 F)
Relative density	0.780 - 0.790 @ 20 °C (68 F)
Flash point (°C)	
CC (Closed cup).	
Auto Ignition Temperature (°C)	425 (797 F)
Flammability Limit - Lower(%)	2
Flammability Limit - Upper(%)	12

### 9.2. Other information

Volatility Description	Volatile
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## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Not available.

### Hazardous Polymerisation

Will not polymerise.

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.

## **10.5. Incompatible materials**

### **Materials To Avoid**

Strong acids. Strong oxidising substances.

## **10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Other Health Effects**

This substance has no evidence of carcinogenic properties.

#### **Inhalation**

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

#### **Skin contact**

Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin. Prolonged or repeated exposure may cause severe irritation.

#### **Eye contact**

Irritating to eyes.

#### **Route of entry**

Skin and/or eye contact. Inhalation.

#### **Target Organs**

Central nervous system Eyes Respiratory system, lungs Skin

#### **Medical Symptoms**

Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. Skin irritation. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo.

#### **Toxicological information on ingredients.**

#### **PROPAN-2-OL (CAS: 67-63-0)**

##### **Acute toxicity:**

##### **Acute Toxicity (Oral LD50)**

5280 mg/kg Rat

##### **Acute Toxicity (Dermal LD50)**

12800 mg/kg Rabbit

##### **Acute Toxicity (Inhalation LC50)**

72.6 mg/l (vapours) Rat 4 hours

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Not regarded as dangerous for the environment.

### **12.1. Toxicity**

# ISOPROPANOL CLEANING FLUID

## Ecological information on ingredients.

### PROPAN-2-OL (CAS: 67-63-0)

#### **Acute Toxicity - Fish**

LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 13299 mg/l Daphnia magna

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours > 1.000 mg/l Scenedesmus subspicatus

#### **Acute Toxicity - Microorganisms**

EC50 > 1.000 mg/l Activated sludge

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

#### **General**

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1litre packed in cartons of less than 30kg gross to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed must show the following

### 14.1. UN number

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

### 14.2. UN proper shipping name

Proper Shipping Name	AEROSOLS
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### 14.3. Transport hazard class(es)

ADR/RID/ADN Class	2.1
ADR/RID/ADN Class	Class 2: Gases
ADR Label No.	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
Transport Labels	



# ISOPROPANOL CLEANING FLUID

## 14.4. Packing group

Not applicable.

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

## 14.6. Special precautions for user

EMS F-D, S-U

Tunnel Restriction Code (D)

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

## SECTION 15: REGULATORY INFORMATION

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

#### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

#### **Guidance Notes**

Workplace Exposure Limits EH40.

#### **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

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Issued By Helen O'Reilly

Revision Date APRIL 2013

Revision 5

SDS No. 10516

#### **Risk Phrases In Full**

R12 Extremely flammable.  
R11 Highly flammable  
R36 Irritating to eyes.  
R67 Vapours may cause drowsiness and dizziness.

#### **Hazard Statements In Full**

H222 Extremely flammable aerosol.  
H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### ISOPROPANOL CLEANING FLUID

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name ISOPROPANOL CLEANING FLUID  
 Product No. IPA-b, EIPA01L, EIPA05L, ZE

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

Identified uses Cleaning Product  
 Uses advised against At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

##### 1.3. Details of the supplier of the safety data sheet

Supplier ELECTROLUBE. A division of HK  
 WENTWORTH LTD  
 ASHBY PARK, COALFIELD WAY,  
 ASHBY DE LA ZOUCH, LEICESTERSHIRE  
 LE65 1JR  
 UNITED KINGDOM  
 +44 (0)1530 419600  
 +44 (0)1530 416640  
 info@hkw.co.uk

##### 1.4. Emergency telephone number

+44 (0)1530 419600 between 8.30am - 5.00pm GMT Mon – Fri

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

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

###### Classification (67/548/EEC)

Xi; R36. F; R11. R67.

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

###### Human health

See section 11 for additional information on health hazards.

###### Physical and Chemical Hazards

The product is highly flammable, and explosive vapours/air mixtures may be formed even at normal room temperatures.

##### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



###### Signal Word

Danger

###### Hazard Statements

H225

Highly flammable liquid and vapour.



## ISOPROPANOL CLEANING FLUID

Precautionary Statements	H319	Causes serious eye irritation.
	H336	May cause drowsiness or dizziness.
	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	P280	Wear protective gloves, eye and face protection.
Supplementary Precautionary Statements	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.
	P261	Avoid breathing vapour/spray.

### 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

PROPAN-2-OL		80-100%
CAS-No.: 67-63-0	EC No.: 200-661-7	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Flam. Liq. 2 - H225	F;R11	
Eye Irrit. 2 - H319	Xi;R36	
STOT SE 3 - H336	R67	

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

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### Ingestion

Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention. DO NOT INDUCE VOMITING!

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

#### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

#### Inhalation

Vapours may cause drowsiness and dizziness.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

#### Eye contact

May cause severe irritation to eyes.

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

Treat Symptomatically. No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

# ISOPROPANOL CLEANING FLUID

## Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

## Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

## 5.2. Special hazards arising from the substance or mixture

### Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### Specific hazards

Oxides of: Carbon.

## 5.3. Advice for firefighters

### Special Fire Fighting Procedures

Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Dike and collect extinguishing water.

### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Follow precautions for safe handling described in this safety data sheet. Do not smoke, use open fire or other sources of ignition. Take precautionary measures against static discharges. Provide adequate ventilation.

### 6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in section 13. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Avoid inhalation of vapours and spray mists. Provide good ventilation.

### 7.2. Conditions for safe storage, including any incompatibilities

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

### Storage Class

Flammable liquid storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

### Ingredient Comments

WEL = Workplace Exposure Limits

# ISOPROPANOL CLEANING FLUID

## PROPAN-2-OL (CAS: 67-63-0)

### **DNEL**

Industry	Dermal	888	mg/kg/day
Industry	Inhalation.	500	mg/m3
Consumer	Dermal	319	mg/kg/day
Consumer	Inhalation.	89	mg/m3
Consumer	Oral	26	mg/kg/day

### **PNEC**

Freshwater	140.9	mg/l
Marinewater	140.9	mg/l
Sediment	552	mg/kg
Soil	28	mg/kg

## **8.2. Exposure controls**

### **Protective equipment**



### **Process conditions**

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

### **Engineering measures**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

### **Respiratory equipment**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use respiratory equipment with combination filter, type A2/P3. EN14387

### **Hand protection**

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Butyl rubber gloves are recommended. Gloves should conform to EN374

### **Eye protection**

Wear approved, tight fitting safety glasses where splashing is probable. EN166

### **Other Protection**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### **Hygiene measures**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke. Eating, smoking and water fountains prohibited in immediate work area.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Colourless.
Odour	Odour of alcohol.
Initial boiling point and boiling range (°C)	82 C (179.6 F)
Relative density	0.790 @ 20 °c (68 F)
Vapour density (air=1)	2.8
Vapour pressure	4.16 kPa @ 20 °c (68 F)
Evaporation rate	2.93
Viscosity	3.06 cSt @ 20 °c (68 F)
Flash point (°C)	12 C (53.6 F) CC (Closed cup).
Auto Ignition Temperature (°C)	399 (750, 2 F)
Flammability Limit - Lower(%)	2.50
Flammability Limit - Upper(%)	12.70

### **9.2. Other information**

Mol. Weight	60.10 g/mol
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## **SECTION 10: STABILITY AND REACTIVITY**

# ISOPROPANOL CLEANING FLUID

## **10.1. Reactivity**

Reaction with: Strong oxidising agents.

## **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

## **10.3. Possibility of hazardous reactions**

### **Hazardous Polymerisation**

Will not polymerise.

## **10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Avoid contact with acids and oxidising substances.

## **10.5. Incompatible materials**

### **Materials To Avoid**

Strong oxidising substances. Strong acids.

## **10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Acute toxicity:**

##### **Acute Toxicity (Oral LD50)**

5280 mg/kg Rat

##### **Acute Toxicity (Dermal LD50)**

12800 mg/kg Rabbit

##### **Acute Toxicity (Inhalation LC50)**

72.6 mg/l (vapours) Rat 4 hours

#### **Respiratory or skin sensitisation:**

##### **Skin sensitisation**

Buehler test: Guinea Pig

Not Sensitising.

##### **Inhalation**

May cause irritation to the respiratory system. Vapours may cause drowsiness and dizziness.

##### **Ingestion**

May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

##### **Skin contact**

Irritating to skin. Prolonged contact may cause dryness of the skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

##### **Eye contact**

Irritating to eyes.

##### **Route of entry**

Skin absorption. Ingestion. Skin and/or eye contact.

##### **Target Organs**

Central nervous system Eyes Respiratory system, lungs Skin

##### **Medical Symptoms**

Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. Skin irritation. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo.

# ISOPROPANOL CLEANING FLUID

## Toxicological information on ingredients.

### PROPAN-2-OL (CAS: 67-63-0)

#### Acute toxicity:

##### **Acute Toxicity (Oral LD50)**

5280 mg/kg Rat

##### **Acute Toxicity (Dermal LD50)**

12800 mg/kg Rabbit

##### **Acute Toxicity (Inhalation LC50)**

72.6 mg/l (vapours) Rat 4 hours

## SECTION 12: ECOLOGICAL INFORMATION

### **Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### **12.1. Toxicity**

#### **Acute Fish Toxicity**

Not considered toxic to fish.

#### **Acute Toxicity - Fish**

LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 13299 mg/l Daphnia magna

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours > 1.000 mg/l Scenedesmus subspicatus

#### **Acute Toxicity - Microorganisms**

EC50 > 1.000 mg/l Activated sludge

## Ecological information on ingredients.

### PROPAN-2-OL (CAS: 67-63-0)

#### **Acute Toxicity - Fish**

LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 13299 mg/l Daphnia magna

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours > 1.000 mg/l Scenedesmus subspicatus

#### **Acute Toxicity - Microorganisms**

EC50 > 1.000 mg/l Activated sludge

### **12.2. Persistence and degradability**

#### **Degradability**

The product is biodegradable.

### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

The product is not bioaccumulating.

### **12.4. Mobility in soil**

#### **Mobility:**

The product is soluble in water.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

# ISOPROPANOL CLEANING FLUID

## General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. Do not puncture or incinerate even when empty. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN)	1219
UN No. (IMDG)	1219
UN No. (ICAO)	1219

### 14.2. UN proper shipping name

Proper Shipping Name	ISOPROPANOL (ISOPROPYL ALCOHOL)
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### 14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	



### 14.4. Packing group

ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

### 14.6. Special precautions for user

EMS	F-E, S-D
Emergency Action Code	•2YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

# ISOPROPANOL CLEANING FLUID

## Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716). Control of Substances Hazardous to Health.

## Guidance Notes

Workplace Exposure Limits EH40.

## EU Legislation

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

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.

## 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

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Issued By	Helen O'Reilly
Revision Date	APRIL 2013
Revision	7
SDS No.	10512
<b>Risk Phrases In Full</b>	
R11	Highly flammable
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.
<b>Hazard Statements In Full</b>	
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

## Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.