

# SAFETY DATA SHEET

## APPLIED ENOLOX-W

Infosafe No.: 2AP3I  
ISSUED Date : 08/09/2016  
ISSUED by: ITW POLYMERS & FLUIDS

### 1. IDENTIFICATION

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**GHS Product Identifier**

APPLIED ENOLOX-W

**Product Code**

A3992

**Company Name**

ITW POLYMERS & FLUIDS (ABN 63 004 235 063)

**Address**

100 Hassall Street Wetherill Park  
NSW 2164 Australia

**Telephone/Fax Number**

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Fax: 1800 803 596; +61 2 9757 3855

**Emergency phone number**

1800 385 556 / 0438 465 960

**E-mail Address**

info@itwpcf.com.au

**Recommended use of the chemical and restrictions on use**

Water-based degreaser for the removal of grease, oil and grime from solid surfaces.

**Disclaimer**

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Websites:

[www.itwpcf.com.au](http://www.itwpcf.com.au)

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Fluid Chemicals NZ

5A Andrew Baxter Drive, Airport Oaks, Auckland, 2150

Postal Address: P.O. Box 201185 , Auckland Airport, 2150, New Zealand

EMERGENCY TEL: 0800 154 666

### 2. HAZARD IDENTIFICATION

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**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 2

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

Causes serious eye damage.

Causes skin irritation.

**Pictogram (s)**

Corrosion

**Precautionary statement – Prevention**

Wash contaminated skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

IF ON SKIN: Wash with plenty of soap and water.

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

Immediately call a POISON CENTER or doctor/physician.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

**IMPORTANT NOTE(S)**

Glycol ether is listed as an ingredient due to an exposure standard set by Safe Work Australia. However due to the low volatility of the concentrate and diluted solutions, exposure by inhalation should not occur under normal conditions of storage and handling.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Ingredients**

Name	CAS	Proportion
Alcohols, C10-12 ethoxylated		5-10 %
Phosphated alcohol ethoxylate	68511-37-5	0-5 %
Alcohols C12-C14, Ethoxylated	68439-50-9	0-3 %
Sodium lauryl ether sulphate	9004-82-4	0-3 %
Glycol ether	34590-94-8	0-3 %
Other ingredients determined not to be hazardous, including water	N/A	Balance

**4. FIRST-AID MEASURES****Inhalation**

For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible - either on site or at the nearest hospital.

Not considered a feature of normal use.

**Ingestion**

Rinse mouth thoroughly with water immediately.

Give water to drink. DO NOT induce vomiting.

Seek medical advice if effects persist.

**Skin**

Wash affected areas with copious quantities of water immediately.

If irritation occurs seek medical advice.

Remove contaminated clothing and wash before re-use.

**Eye contact**

Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.

**Advice to Doctor**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

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**Fire Fighting Measures**

Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Do not use direct water stream. May spread fire. Move container from fire area if this is possible without hazard.

**Suitable Extinguishing Media**

Use water fog, foam, dry chemical or carbon dioxide for surrounding fires as governed by adjacent materials.

**Hazards from Combustion Products**

Combustion products may include the following materials:

carbon dioxide  
carbon monoxide  
phosphorus oxides  
sodium oxides  
oxides of sulfur  
benzoic acid

## 6. ACCIDENTAL RELEASE MEASURES

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**Spills & Disposal**

Isolate leaking containers and stop leak if safe to do so. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapours or mists. Provide adequate ventilation. Put on appropriate personal protective equipment (see Section 8).

In the event of a small spill:

Use absorbent (soil or sand, sawdust, inert material, vermiculite). Collect and seal in properly labelled drums for disposal.

In event of large spill:

Contain - prevent contamination of drains and waterways. Pump out to a waste/recovery tank. If contamination of sewers or waterways has occurred advise the local emergency services.

## 7. HANDLING AND STORAGE

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**Precautions for Safe Handling**

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Avoid breathing vapours or mists.

**Conditions for safe storage, including any incompatibilities**

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Glycol ether		TWA	50	ppm	skin
Glycol ether		TWA	308	mg/m <sup>3</sup>	skin

### Appropriate Engineering Controls

Avoid generation and inhalation of mists or aerosols. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Respiratory Protection

Respiratory protection should be worn when there is a potential to exceed exposure limit requirements or guidelines. For most conditions due to the low volatility of the concentrate and diluted solutions, no respiratory protection should be needed; however, if a risk assessment indicates this is necessary or discomfort is experienced, use an approved respirator with an organic vapor cartridge.

### Eye Protection

Safety eyewear complying with an approved standard should be worn at all times when handling this material if a risk assessment indicates this is necessary.

### Hand Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling this material if a risk assessment indicates this is necessary.

### Body Protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Form

Liquid

### Appearance

Very pale yellow liquid.

### Odour

Pine fragrance.

### Boiling Point

No data

### Specific Gravity

1.01at 20°C

### pH

Neat: 8.6 ± 0.3      1% soln: 8.2 ± 0.3

### Vapour Pressure

Not Required

### Flash Point

Non flammable

### Flammability

Non combustible. Non flammable.

### Flammable Limits - Lower

No data

## 10. STABILITY AND REACTIVITY

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### Chemical Stability

Stable under normal use conditions.

### Conditions to Avoid

Avoid extreme heat

### Incompatible materials

Reactive or incompatible with the following materials: oxidizing materials

### Hazardous Decomposition Products

For decomposition products caused by combustion, Refer to Section 5. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

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### Acute Toxicity - Oral

For the ingredients:

Sodium lauryl ether sulfate

LD50 Oral Rat: 1700~5000 mg/kg

Alcohols, C10-12, ethoxylated

LD50 Oral Rat: 1200 to 10000 mg/kg

ATE (by calculation) for this product >20,000mg/kg

### Ingestion

Ingestion can cause nausea and vomiting.

May be harmful if swallowed.

May cause irritation to mouth, throat and stomach.

### Inhalation

Inhalation of mists or aerosols can produce respiratory irritation.

Not considered a feature of normal use.

### Skin

Repeated or prolonged skin contact may lead to irritation.

Will have a defatting effect on the skin.

Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters. Defatting dermatitis signs and symptoms may include a burning sensation and/or a dried/cracked appearance.

### Eye

Severely irritating to eyes. Risk of serious damage to eyes if not washed out immediately. Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision.

### Chronic Effects

Repeated or prolonged skin contact can cause chronic dermatitis.

## 12. ECOLOGICAL INFORMATION

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### Persistence and degradability

The major organic components of this products are readily biodegradable.

### Mobility

Soluble in water

### Other Precautions

Do not allow concentrated product to enter waterways, drains and sewers.

## 13. DISPOSAL CONSIDERATIONS

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### Disposal considerations

This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should be processed in a suitable effluent treatment plant where local regulations allow. Small quantities of waste product may be flushed to sewer with plenty of water. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## 14. TRANSPORT INFORMATION

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### U.N. Number

None Allocated

### UN proper shipping name

None Allocated

### Transport hazard class(es)

None Allocated

## 15. REGULATORY INFORMATION

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### Poisons Schedule

Not Scheduled

### HSNO Approval Number

Cleaning Products (Subsidiary Hazard) Group Standard 2006. The HSNO Approval Number for this Group Standard is HSR002530. HSNO classification 8.3A, 6.3A

### Australia (AICS)

All components listed.

### Other Information

All components listed on the New Zealand Inventory of Chemicals (NZIoC)

## 16. OTHER INFORMATION

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### Date of preparation or last revision of SDS

Replaces SDS dated 10 Sep 2013

### References

Australian Code for the Transport of Dangerous Goods by Road and Rail.

International Maritime Dangerous Goods Code.

International Air Transport Association Dangerous Goods Regulations.

Globally Harmonised System of Classification and Labelling of Chemicals, ST/SG/AC.10/30, United Nations 2003

Supplier Safety Data Sheets

### Contact Person/Point

This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.

As ITW Polymers & Fluids cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.

Data sheets from unauthorised sources may contain information that is no longer current or accurate.

This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW Polymers & Fluids to ensure they are in possession of the latest version.

### Signature of Preparer/Data Service

AMS

## END OF SDS

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