

# Safety Data Sheet



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** IXOSURF AGGK

**Recommended Use of the Chemical and Restrictions on Use** Surfactant.

**Supplier:** Ixom Operations Pty Ltd  
**ABN:** 51 600 546 512  
**Street Address:** Level 8, 1 Nicholson Street  
East Melbourne Victoria 3002  
Australia

**Telephone Number:** +61 3 9906 3000  
**Emergency Telephone:** 1 800 033 111 (ALL HOURS)

Please ensure you refer to the limitations of this Safety Data Sheet as set out in the "Other Information" section at the end of this Data Sheet.

## 2. HAZARDS IDENTIFICATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in packagings, IBC's, or any other receptacle not exceeding 500 kg(L).

This material is hazardous according to Safe Work Australia; HAZARDOUS CHEMICAL.

### Classification of the chemical:

Acute Oral Toxicity - Category 4  
Acute Dermal Toxicity - Category 5  
Skin Irritation - Category 2  
Eye Damage - Category 1  
Acute Aquatic Toxicity - Category 2  
Chronic Aquatic Toxicity - Category 2

**SIGNAL WORD:** DANGER



### Hazard Statement(s):

H302 Harmful if swallowed.  
H313 May be harmful in contact with skin.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H411 Toxic to aquatic life with long lasting effects.

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## Precautionary Statement(s):

### Prevention:

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P273 Avoid release to the environment.

### Response:

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment (see First Aid Measures on Safety Data Sheet).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P391 Collect spillage.

### Storage:

No storage statements.

### Disposal:

P501 Dispose of contents and container in accordance with local, regional, national, international regulations.

**Poisons Schedule (SUSMP):** None allocated.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

### Product Description:

>60% Surfactant blend

Non-hazardous components, to 100%

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

### Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discoloration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

### Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

### Eye Contact:

Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport promptly to hospital or medical centre.

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## Ingestion:

Rinse mouth with water. If swallowed, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area. Seek immediate medical assistance.

## Indication of immediate medical attention and special treatment needed:

Treat symptomatically. Can cause corneal burns. Effects may be delayed.

## 5. FIRE FIGHTING MEASURES

### Suitable Extinguishing Media:

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

### Unsuitable Extinguishing Media:

Solid water jet/stream may scatter and spread the fire.

### Hazchem or Emergency Action Code: · 3Z

### Specific hazards arising from the chemical:

Combustible liquid.

### Special protective equipment and precautions for fire-fighters:

On burning will emit toxic fumes, including those of oxides of carbon , oxides of nitrogen . Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

## 6. ACCIDENTAL RELEASE MEASURES

### Emergency procedures/Environmental precautions:

Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

### Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. DO NOT return spilled material to original container for re-use.

## 7. HANDLING AND STORAGE

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

### Precautions for safe handling:

Avoid skin and eye contact and breathing in vapour.

### Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place. Store away from incompatible materials described in Section 10. Store away from foodstuffs. Do not mix with other chemicals. Keep containers closed when not in use - check regularly for leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:** No value assigned for this specific material by Safe Work Australia.

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## Appropriate engineering controls:

Use in well ventilated areas. Keep containers closed when not in use.

## Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.



Wear overalls, chemical goggles and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. If determined by a risk assessment an inhalation risk exists, wear an organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Amber
<b>Odour:</b>	Amine - like
<b>Solubility:</b>	Miscible in water.
<b>Specific Gravity:</b>	1.01 @25°C
<b>Relative Vapour Density (air=1):</b>	>1 (estimated)
<b>Vapour Pressure (20 °C):</b>	Not available
<b>Flash Point (°C):</b>	>93.9 (PMCC)
<b>Flammability Limits (%):</b>	Not available
<b>Autoignition Temperature (°C):</b>	Not available
<b>Boiling Point/Range (°C):</b>	100
<b>pH:</b>	8.80 (5% in water)
<b>Viscosity:</b>	330 cPs @25°C
<b>Freezing Point/Range (°C):</b>	7.8 (Pour point)

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Reacts violently with strong alkaline materials.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No hazardous reactions when stored and handled correctly. May react with reducing agents .
<b>Conditions to avoid:</b>	Avoid temperatures above the flash point.
<b>Incompatible materials:</b>	Incompatible with strong acids , oxidising agents , strong alkaline materials .
<b>Hazardous decomposition products:</b>	Oxides of nitrogen. Ammonia. Oxides of carbon. Low molecular weight hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

- Ingestion:** Swallowing may result in irritation of the gastrointestinal tract.
- Eye contact:** A severe eye irritant. Contamination of eyes can result in permanent injury.
- Skin contact:** Contact with skin will result in irritation.
- Inhalation:** Breathing in vapour may produce respiratory irritation.

**Acute toxicity:**

Oral LD50 (rat): 1500 mg/kg (ATEmix)  
Dermal LD50 (rabbit): >2000 mg/kg (ATEmix)

**Chronic effects:** Not listed as carcinogenic according to the International Agency for Research on Cancer (IARC).

## 12. ECOLOGICAL INFORMATION

- Ecotoxicity** Avoid contaminating waterways.
- Aquatic toxicity:** Toxic to aquatic organisms. May cause long lasting harmful effects to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:**

Refer to Waste Management Authority. Dispose of contents and container in accordance with local, regional, national, international regulations.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport**

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

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- UN No:** 3082
- Transport Hazard Class:** 9 Miscellaneous Dangerous Goods
- Packing Group:** III
- Proper Shipping Name or Technical Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AMINE CONTAINING SURFACTANT, AMPHOTERIC SURFACTANT)
- Hazchem or Emergency Action Code:** - 3Z

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## **Marine Transport**

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

**UN No:** 3082  
**Transport Hazard Class:** 9 Miscellaneous Dangerous Goods  
**Packing Group:** III  
**Proper Shipping Name or Technical Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AMINE CONTAINING SURFACTANT, AMPHOTERIC SURFACTANT)  
**IMDG EMS Fire:** F-A  
**IMDG EMS Spill:** S-F

**Marine Pollutant** Yes

## **Air Transport**

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

**UN No:** 3082  
**Transport Hazard Class:** 9 Miscellaneous Dangerous Goods  
**Packing Group:** III  
**Proper Shipping Name or Technical Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AMINE CONTAINING SURFACTANT, AMPHOTERIC SURFACTANT)

## **15. REGULATORY INFORMATION**

### **Classification:**

This material is hazardous according to Safe Work Australia; HAZARDOUS CHEMICAL.

### **Classification of the chemical:**

Acute Oral Toxicity - Category 4  
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### **Hazard Statement(s):**

H302 Harmful if swallowed.  
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H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H411 Toxic to aquatic life with long lasting effects.

**Poisons Schedule (SUSMP):** None allocated.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## **16. OTHER INFORMATION**

This safety data sheet has been prepared by Ixom Operations Pty Ltd Toxicology & SDS Services.

# Safety Data Sheet



## **Reason(s) for Issue:**

Reissue of an obsolete SDS  
Product Name change

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Ixom Operations Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Ixom representative or Ixom Operations Pty Ltd at the contact details on page 1.

Ixom Operations Pty Ltd's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.