

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Acecut 6000**  
 Product Code: ACE6000A  
 Product Use: Glass cutting fluid

Manufacturer: Aachener Chemische Werke GmbH  
 Rostockerstraße 40  
 41199 Mönchengladbach

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New Zealand Supplier: **Glasscorp Limited**  
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Aachener date of issue: 18 February 2012 – Version 3.6  
 Glasscorp date of issue: 22 May 2012 – version 1

### Section 2. Hazards Identification

This substance is not classified as a dangerous good according to NZS5433: 2007

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

EPA Approval Code and Group Standard:

Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) – HSR002503

HSNO Classification	Hazard Code	Hazard Statement
6.1E (oral)	H303	May be harmful if swallowed.
6.3B	H316	Causes mild skin irritation.
6.4A	H320	Causes eye irritation.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P264	Wash hands thoroughly after handling.

Response code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.

P337 + P313	If eye irritation persists: Get medical advice/attention.
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Disposal Code	Disposal Statement
P501	Triple rinse container before disposal and dispose unwanted product in accordance with local bylaws and national regulations

### Section 3. Composition / Information on Ingredients

Hazardous Ingredients	CAS NUMBER	WEIGHT
Hydrocarbons	Proprietary	Not available
Emulsifiers	Proprietary	Not available

### Section 4. First Aid Measures

**General advice:** Remove person from exposure, lie down.  
Take off contaminated clothing and shoes immediately.  
Never give anything by mouth to an unconscious person.

#### Routes of Exposure:

If in Eyes: Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.

If on Skin: Wash skin with warm soapy water. If irritation persists get medical assistance.

If Swallowed: Clean mouth with water and drink afterwards plenty of water. DO NOT INDUCE vomiting. Consult a physician.

If Inhaled: Remove person to fresh air. If you feel unwell, seek medical advice

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

Symptoms: Gastrointestinal discomfort

Risks: Risk of product entering the lungs on vomiting after ingestion.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Acutely Toxic
<b>Hazards from decomposition products</b>	Carbon monoxide unburned hydrocarbons
<b>Suitable Extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Do not use a high volume water jet.
<b>Precautions for firefighters and special protective clothing</b>	Standard procedure for chemical fires. Use personal protective equipment. In the event of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
<b>HAZCHEM CODE</b>	Not applicable

### Section 6. Accidental Release Measures

#### Leak or Spillage:

#### Equipment and emergency procedures

Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation.

#### Environmental precautions



Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.

#### Methods and materials for containment and cleaning up

Soak up with oil absorbent material.

### Section 7. Handling and Storage

#### Precautions for safe handling:

- ☐ Avoid contact with eyes.
- ☐ Handle in accordance with good industrial hygiene and safety practice.
- ☐ Avoid formation of aerosol.
- ☐ Do not breathe vapours or spray mist.
- ☐ Wear personal protective equipment.

#### Advice on protection against fire and explosion

- ☐ Keep away from open flames, hot surfaces and sources of ignition

#### Precautions for safe storage:

- ☐ Keep containers tightly closed.
- ☐ Store in original container.

Advice on common storage: Incompatible with oxidizing agents.

### Section 8 Exposure Controls / Personal Protection

#### Engineering Controls:

Keep away from heat and sources of ignition.

#### Personal protective equipment

Respiratory protection : Not required under normal use

Hand protection: Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.  
Protective index Class 4  
Glove thickness: > 0.7 mm  
Preventive skin protection  
Do not wear leather gloves.  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Eye protection: Safety glasses

Skin and body protection: Recommended preventive skin protection

Hygiene measures: Remove and wash contaminated clothing before re-use.  
Avoid contact with eyes and skin.  
When using, do not eat, drink or smoke.

Protective measures : Wash hands before breaks and at the end of workday.

Environmental exposure controls

General advice : Avoid subsoil penetration.  
Do not flush into surface water or sanitary sewer system.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Light yellow liquid
<b>Odour</b>	Slight
<b>Flash Point</b>	215°C
<b>Ignition temperature</b>	> 320 °C
<b>Lower explosion limit</b>	not available
<b>Upper explosion limit</b>	not available
<b>Density @ 20°C</b>	0.86 g/cm <sup>3</sup>
<b>Viscosity, dynamic @ 20°C</b>	ca.70 mPa
<b>Viscosity, kinematic @ 20°C</b>	ca.33 mm <sup>2</sup> /S
<b>Solubility in Water</b>	emulsifiable
<b>Vapour pressure at 20 °C</b>	<0.01 hPa
<b>Boiling point/boiling range</b>	> 280 °C
<b>Other information:</b>	<b>Explosivity</b> : Spray mist may be flammable at temperatures below the flash point

## Section 10. Stability and Reactivity

Chemical Stability	Stable under recommended storage conditions
Conditions to Avoid	Avoid formation of aerosol. Keep away from heat and sources of ignition. Take precautionary measures against static discharges
Incompatibility	Oxidizing agents

## Section 11 Toxicological Information

<b>Acute toxicity</b>	
Acute oral toxicity	: LD50: > 2,000 mg/kg Species: rat
<b>Skin corrosion/irritation</b>	
Skin irritation	: Prolonged skin contact may cause skin irritation and/or dermatitis..
<b>Serious eye damage/eye irritation</b>	
Eye irritation	: May cause eye irritation.
<b>Respiratory or skin sensitization</b>	
Sensitisation	: No sensitising effects are known.
<b>Human experience</b>	: Prolonged skin contact may cause skin irritation and/or dermatitis.

## Section 12. Ecotoxicological Information

<b>Toxicity</b>	
No data available	
<b>Results of PBT and vPvB assessment</b>	
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).	
<b>Other adverse effects</b>	
Adsorbed organic bound halogens (AOX)	: Product does not contain any organic halogens.
Additional ecological information	: Do not flush into surface water or sanitary sewer system Avoid subsoil penetration. Separation by oil-separation system

### Section 13. Disposal Considerations

Product : Can be incinerated, when in compliance with local regulations.  
Contaminated packaging Dispose of as special waste in compliance with local and national regulations.

### Section 14 Transport Information

Not classified as a Dangerous Good for transport in NZ ; NZS 5433:2007

### Section 15 Regulatory Information

EPA Approval Code: Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) – HSR002503  
HSNO Classification: 6.1E, 6.3B,6.4A

HSNO Controls: Does not trigger any HSNO control

### Section 16 Other Information

1. Hazardous Substances Data Bank (HSDB), a database of the National Library of Medicine's TOXNET system (<http://toxnet.nlm.nih.gov>).
2. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

#### Disclaimer

This document has been issued by Glasscorp Limited and serves as the product Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Glasscorp Limited by the Manufacturer and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Glasscorp Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Glasscorp Limited accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact Glasscorp Limited, if further information is required.

Issue Date: 22 May 2012

Review Date: 22 May 2017