

**SAFETY DATA SHEET**  
**GLOBAL ALUMINIUM CLEANER & BRIGHTENER**

SAFETY DATA SHEET Ref No. 10092

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>GLOBAL ALUMINIUM CLEANER &amp; BRIGHTENER</b>
<b>Manufacturer/Supplier</b>	Global Lubricants Limited
<b>Address</b>	7 Sandwell Business Development Centre, Oldbury Rd, Smethwick, West Midlands, B66 1NN, England
<b>Phone Number</b>	+44 (0) 121 544 3638
<b>Fax Number</b>	+44 (0) 121 544 3638
<b>Emergency Phone Number</b>	+44 (0) 410 754382

**2. COMPOSITION/INFORMATION ON THE COMPONENTS**

<b>Contains:</b>	Phosphoric Acid 10-25%
	Hydrofluoric Acid 1-2.5%
	2-Butoxyethanol 1-2.5%

**3. HAZARD IDENTIFICATION**

<b>Main Hazards:</b>	Toxic by inhalation, contact with skin and if swallowed. Causes burns.
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**4. FIRST AID MEASURES (SYMPTOMS)**

<b>First Aid - Eyes</b>	There may be severe pain. The eyes may water profusely. Corneal burns may occur.
<b>First Aid - Skin</b>	Severe burns may occur.
<b>First Aid - Ingestion</b>	There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Corrosive burns may appear around lips. Nausea and stomach pain may occur. There may be vomiting.
<b>First Aid - Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest. There may be shortness of breath with a burning sensation in the throat.

**4. FIRST AID MEASURES (ACTION)**

<b>First Aid - Eyes</b>	Bathe the eye with running water for 15 mins. Transfer to hospital for specialist examination.
<b>First Aid - Skin</b>	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 mins or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
<b>First Aid - Ingestion</b>	If substance swallowed is corrosive give 1 cup of water to drink every 10 mins. Transfer to hospital as soon as possible. Do not induce vomiting.
<b>First Aid - Inhalation</b>	Remove to fresh air and seek medical attention if recovery is not rapid or complete.

## **5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Carbon dioxide, dry chemical powder, water spray Alcohol or polymer foam.
<b>Exposure Hazard</b>	In combustion emits toxic fumes.
<b>Special Instructions for Fire-Fighting Personnel</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	Refer to section 8 of MSDS for personal protection details.
<b>Environmental precautions</b>	Do not discharge into drains or rivers. Contain the spillage using bunding.
<b>Clean up procedures</b>	Wash the spillage site with large amounts of water.

## **7. HANDLING AND STORAGE**

<b>Handling requirements</b>	Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.
<b>Storage conditions</b>	Store in cool, well ventilated area.
<b>Suitable packaging</b>	Must only be kept in original packaging.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Engineering Control Measures</b>	Ensure there is sufficient ventilation of the area.
<b>Respiratory protection</b>	Do not breathe vapour or spray.
<b>Hand protection</b>	Protective gloves made of PVC.
<b>Eye protection</b>	Goggles
<b>Skin protection</b>	Protective clothing with elasticated cuffs and closed neck. Ensure safety shower is to hand.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid
<b>Colour</b>	Colourless
<b>Solubility in Water</b>	Soluble
<b>Boiling point range °C</b>	100
<b>Flash point °C</b>	none
<b>Relative density</b>	1.1
<b>pH</b>	1

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	Strong bases.

## **11. TOXICOLOGICAL INFORMATION**

## **12. ECOLOGICAL INFORMATION**

<b>Mobility</b>	Soluble in water
<b>Degradability</b>	Biodegradable
<b>Accumulation</b>	No bioaccumulation potential
<b>Short / long term effects</b>	Negligible ecotoxicity

## **13. DISPOSAL**

<b>Waste disposal</b>	Arrange for collection by specialised disposal company.
<b>Disposal of packaging</b>	Arrange for collection by specialised disposal company.
<b>NB:</b>	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## **14. TRANSPORT INFORMATION**

### **ADR/RID**

<b>UN no:</b>	2922
<b>ADR Class</b>	8
<b>Item no:</b>	76b
<b>Labelling</b>	Corrosive
<b>Shipping name</b>	Corrosive liquid, toxic n.o.s.

**IMDG / IMO  
IATA / ICAO**

## **15. REGULATORY INFORMATION**

<b>Hazard symbols</b>	Corrosive Toxic
<b>Risk phrases</b>	R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.  R34: Causes burns.
<b>Safety phrases</b>	S24 / 25: Avoid contact with skin and eyes.  S26: In cases of contact with eyes, rinse immediately with plenty of water and seek medical advice.  S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.  S38: In case of insufficient ventilation, wear suitable respiratory equipment.  S45: in case of accident or if you feel unwell, seek medical advise immediately ( show the label where possible ).
<b>Note</b>	The regulatory information given above only indicates the principal regulations specifically applicable to the described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, regional, international and local regulations or provisions.

## **16. OTHER INFORMATION**

<b>Legal disclaimer</b>	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.
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