

**Safety Data Sheet**  
According to 2015/830/EC & 1272/2008/EC (CLP)

Printing Date: 13.02.2024

Version Number: 1.0

Revision Date: 13.02.2024

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**Product identifier**

Trade name: CHRYSO®Jet 30 AF

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

**Relevant identified uses of the substance or mixture:** Admixture for concrete and mortar

**Identified uses advised against:** No further relevant information available.

**Supplier's details**

**Manufacturer/supplier:**

CHRYSO SOUTHERN AFRICA (PTY)  
26 Malcolm Moodie Crescent, Jet Park Ext 30, 1469  
Boksburg  
South Africa

Tel: 27 11 395 97 00  
Fax: 27 11 397 66 44

**Further information obtainable from:** [fds.chryso@chryso.com](mailto:fds.chryso@chryso.com)

**Emergency telephone number:** 0800 333 444

**SECTION 2: Hazards identification**

**Classification of the substance or mixture:**

Skin Corr. 3 H316 Causes mild skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

**GHS label elements**

**GHS label elements** The product is classified and labelled according to the Globally Harmonized System (GHS).

**Hazard pictograms**



GHS05

**Signal word** Danger

**Hazard-determining components of labelling:**

Aluminium sulphate  
Diethanolamine

**Hazard statements**

Causes mild skin irritation.

Causes serious eye damage.

**Precautionary statements**

Wear eye protection / face protection.

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/doctor.

If skin irritation occurs: Get medical advice/attention.

**Other hazards:**

**Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

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vPvB: Not applicable.

(Contd. of page 1)

**SECTION 3: Composition/information on ingredients****Mixtures****Description:** Mixture of substances listed below with non-hazardous additions.**Dangerous components:**

CAS: 10043-01-3 EINECS: 233-135-0	Aluminium sulphate	Met. Corr.1, H290; Eye Dam. 1, H318	25-<30%
CAS: 111-42-2 EINECS: 203-868-0 Index number: 603-071-00-1	Diethanolamine	STOT RE 2, H373 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315	1-<3%

**SECTION 4: First aid measures****Description of necessary first-aid measures****General information:** Get medical advice/attention if you feel unwell.**After inhalation:** No special measures required.**After skin contact:** Immediately rinse with water.**After eye contact:** Rinse cautiously with water for several minutes.**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

**Most important symptoms or effects, acute and delayed** No further relevant information available.**Indication of immediate medical attention and special treatment needed, if necessary**

No further relevant information available.

**SECTION 5: Firefighting measures****Suitable extinguishing media****Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.**Specific hazards arising from the chemical** No further relevant information available.**Special protective actions for fire fighters****Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:**

Do not allow product to enter drains or any other watercourse. Do not allow undiluted or large quantities of the product to enter groundwater, water courses or drains.

**Methods and material for containment and cleaning up:** Use neutralising agent.**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 3)

ZA

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According to 2015/830/EC & 1272/2008/EC (CLP)

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Revision Date: 13.02.2024

Trade name: **CHRYSO®Jet 30 AF**

(Contd. of page 2)

See Section 13 for disposal information.

**SECTION 7: Handling and storage****Precautions for safe handling:** No special precautions are necessary if used correctly.**Information about fire - and explosion protection:** No special measures required.**Conditions for safe storage, including any incompatibilities:****STORAGE****Information about storage in one common storage facility:** No special measures required.**Further information about storage conditions:** Keep container tightly sealed.**Specific end use(s):** No further relevant information available.**SECTION 8: Exposure controls/personal protection****Control parameters:****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** Based on the lists valid at the date of SDS creation.**Exposure controls:****Appropriate engineering controls** No further data; see section 7.**Individual protection measures, such as personal protective equipment (PPE)****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Hand protection****Material of gloves:**

Nitrile rubber.



Nitrile rubber

**Eye or face protection**

Safety glasses.

**Body protection:**

Use personal protective equipment as required.

Take off contaminated clothing.

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties:****GENERAL INFORMATION****Physical state**

Liquid.

**Colour:**

Brown.

**Odour:**

Characteristic.

(Contd. on page 4)

ZA

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Trade name: **CHRYSO®Jet 30 AF**

(Contd. of page 3)

<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range</b>	100 °C
<b>Flammability</b>	Not applicable.
<b>Flammability Limits :</b>	
<b>Upper or lower flammability or explosive limits</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not applicable.
<b>Method:</b>	
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH at 20 °C</b>	2.5
<b>VISCOSITY</b>	
<b>Viscosity</b>	Not determined.
<b>Dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Fully miscible.
<b>Partition coefficient: n-octanol or water</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Vapour density + Relative density</b>	
<b>Density at 20 °C:</b>	>1 g/cm <sup>3</sup>
<b>Vapour density:</b>	Not determined.
<b>Particle characteristics</b>	Not applicable.

**Other information:**

<b>Appearance:</b>	
<b>Form:</b>	Liquid.
<b>Important information on protection of health and environment, and on safety:</b>	
<b>Ignition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Change in conditions:-</b>	
<b>Evaporation rate:</b>	Not determined.
<b>Molecular weight</b>	Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Not applicable.
<b>Flammable gases</b>	Not classified.
<b>Aerosols</b>	Not classified.
<b>Oxidising gases</b>	Not classified.
<b>Gases under pressure</b>	Not classified.
<b>Flammable liquids</b>	Not classified.
<b>Flammable solids</b>	Not classified.
<b>Self-reactive substances and mixtures</b>	Not classified.
<b>Pyrophoric liquids</b>	Not classified.
<b>Pyrophoric solids</b>	Not classified.
<b>Self-heating substances and mixtures</b>	Not classified.
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Not classified.
<b>Oxidising liquids</b>	Not classified.
<b>Oxidising solids</b>	Not classified.
<b>Organic peroxides</b>	Not classified.
<b>Corrosive to metals</b>	Not classified.
<b>Desensitised explosives</b>	Not classified.

**SECTION 10: Stability and reactivity****Reactivity:**

Stable under normal conditions.  
No further relevant information available.

**Chemical stability:**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

(Contd. on page 5)

ZA

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**Trade name: *CHRYSO®Jet 30 AF***

(Contd. of page 4)

**Possibility of hazardous reactions**

No dangerous reactions known.  
No further relevant information available.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

## SECTION 11: Toxicological information

**Information on hazard classes as defined in Regulation (EC) No 1272/2008**
**ACUTE TOXICITY** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**
**10043-01-3 Aluminium sulphate**

Dermal	LD50	6,200 mg/kg (microorganisms)
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**111-42-2 Diethanolamine**

Oral	LD50	710 mg/kg (rat)
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Dermal	LD50	8,328 mg/kg (rabbit)
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**Skin corrosion or irritation** Causes mild skin irritation.

**Serious eye damage or irritation** Causes serious eye damage.

**Information on other hazards**
**endocrine disrupting potential**

None of the ingredients is listed.

## SECTION 12: Ecological information

**Toxicity:**
**AQUATIC TOXICITY** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Results of PBT and vPvB assessment:**
**PBT:** Not applicable.

**vPvB:** Not applicable.

**Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.

**Other adverse effects:**
**ADDITIONAL ECOLOGICAL INFORMATION**
**General notes:** Must not reach sewage water or drainage ditch undiluted or unneutralised.

## SECTION 13: Disposal considerations

**Waste treatment methods:**
**Recommendation:**


Must not be disposed together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 6)

ZA

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(Contd. of page 5)

**UNCLEANED PACKAGING****Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information**

<b>UN number</b> ADR, IMDG, IATA	Not Regulated
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<b>UN proper shipping name</b> ADR, IMDG, IATA	Not Regulated
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<b>Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Not Regulated
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<b>Packing group</b> ADR, IMDG, IATA	Not Regulated
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<b>Environmental hazards:</b>	Not applicable.
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<b>Special precautions for user:</b>	Not applicable.
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<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not Regulated
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**SECTION 15: Regulatory information****Safety, health and environmental regulations specific for the product in question**

See Section 2 for hazard identification.

**Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases:**

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H373 May cause damage to organs through prolonged or repeated exposure.

**The first date of preparation:** 06.02.2024**Number of revision times and the latest revision date:** 1.0 / 13.02.2024