

# SAFETY DATA SHEET

## Sika® Sigunit®-5650 AFL ID



Version  
1.0

Revision Date:  
07.08.2026

SDS Number:  
100000073207

Date of last issue: -  
Date of first issue: 07.08.2026

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sika® Sigunit®-5650 AFL ID

#### Manufacturer or supplier's details

Company : Sika Australia Pty. Ltd.  
55 Elizabeth Street  
Wetherill Park, NSW 2164

Telephone : +61 2 9725 11 45

Emergency telephone number : +61 1800 033 111

Telefax : +61 2 9725 33 30

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

Product use : For professional users only.

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Corrosive to metals : Category 1

Serious eye damage/eye irritation : Category 1

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H290 May be corrosive to metals.  
H318 Causes serious eye damage.

Precautionary statements :

#### Prevention:

P234 Keep only in original packaging.  
P280 Wear eye protection/ face protection.

#### Response:

P305 + P351 + P338 + P310 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.  
P390 Absorb spillage to prevent material damage.

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### Storage:

P406 Store in a corrosion resistant container with a resistant inner liner.

### Other hazards which do not result in classification

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

| Chemical name      | CAS-No.    | Concentration (% w/w)  |
|--------------------|------------|------------------------|
| aluminium sulphate | 10043-01-3 | $\geq 60$ - $\leq 100$ |

## SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : Causes serious eye damage.  
irritant effects  
Excessive lachrymation  
See Section 11 for more detailed information on health effects and symptoms.
- Notes to physician : Treat symptomatically.

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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Standard procedure for chemical fires.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Hazchem Code : 2X

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Deny access to unprotected persons.
- Environmental precautions : Try to prevent the material from entering drains or water courses.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

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### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Follow standard hygiene measures when handling chemical products
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.

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Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Store in accordance with local regulations.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components         | CAS-No.    | Value type<br>(Form of exposure) | Control parameters / Permissible concentration | Basis  |
|--------------------|------------|----------------------------------|------------------------------------------------|--------|
| aluminium sulphate | 10043-01-3 | TWA                              | 2 mg/m <sup>3</sup><br>(Aluminium)             | AU OEL |

**Appropriate engineering controls** : Use adequate ventilation and/or engineering controls to prevent exposure to vapours.

#### Personal protective equipment

**Respiratory protection** : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.  
Follow AS/NZS 1337.1  
Recommended: Butyl rubber/nitrile rubber gloves.  
Contaminated gloves should be removed.

**Eye protection** : Safety glasses

**Skin and body protection** : Protective clothing (e.g. safety shoes, long-sleeved working clothing, long trousers)  
Follow AS 2210:3  
Rubber aprons

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : suspension

**Colour** : beige

**Odour** : No data available

**Odour Threshold** : No data available

**pH** : ca. 2.3 (20 °C (68 °F))

**Melting point/ range / Freez-** : No data available

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|                                                  |   |                                                                                                                                                        |
|--------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Boiling point                                    | : | No data available                                                                                                                                      |
| Flash point                                      | : | Not applicable                                                                                                                                         |
| Evaporation rate                                 | : | No data available                                                                                                                                      |
| Flammability (solid, gas)                        | : | No data available                                                                                                                                      |
| Upper explosion limit / Upper flammability limit | : | No data available                                                                                                                                      |
| Lower explosion limit / Lower flammability limit | : | No data available                                                                                                                                      |
| Vapour pressure                                  | : | 23 hPa                                                                                                                                                 |
| Relative vapour density                          | : | No data available                                                                                                                                      |
| Density                                          | : | ca. 1.51 g/cm <sup>3</sup> (20 °C (68 °F))                                                                                                             |
| Solubility(ies)                                  |   |                                                                                                                                                        |
| Water solubility                                 | : | soluble                                                                                                                                                |
| Solubility in other solvents                     | : | No data available                                                                                                                                      |
| Partition coefficient: n-octanol/water           | : | No data available                                                                                                                                      |
| Auto-ignition temperature                        | : | No data available                                                                                                                                      |
| Decomposition temperature                        | : | No data available                                                                                                                                      |
| Viscosity                                        |   |                                                                                                                                                        |
| Viscosity, dynamic                               | : | No data available                                                                                                                                      |
| Viscosity, kinematic                             | : | No data available                                                                                                                                      |
| Explosive properties                             | : | No data available                                                                                                                                      |
| Oxidizing properties                             | : | No data available                                                                                                                                      |
| Volatile organic compounds                       | : | Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)<br>Not applicable |

### SECTION 10. STABILITY AND REACTIVITY

|                    |   |                                                             |
|--------------------|---|-------------------------------------------------------------|
| Reactivity         | : | No dangerous reaction known under conditions of normal use. |
| Chemical stability | : | The product is chemically stable.                           |

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Possibility of hazardous reactions : Stable under recommended storage conditions.

Conditions to avoid : No data available

Incompatible materials : see section 7.

Hazardous decomposition products : No hazardous decomposition products are known.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified due to lack of data.

#### Skin corrosion/irritation

Not classified due to lack of data.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or skin sensitisation

##### Skin sensitisation

Not classified due to lack of data.

##### Respiratory sensitisation

Not classified due to lack of data.

#### Chronic toxicity

##### Germ cell mutagenicity

Not classified due to lack of data.

##### Carcinogenicity

Not classified due to lack of data.

##### Reproductive toxicity

Not classified due to lack of data.

##### STOT - single exposure

Not classified due to lack of data.

##### STOT - repeated exposure

Not classified due to lack of data.

##### Aspiration toxicity

Not classified due to lack of data.

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No data available

#### Persistence and degradability

No data available

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Other adverse effects

#### Product:

Additional ecological information : There is no data available for this product.

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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : Send to a licensed waste management company.  
  
Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.

Do not re-use empty containers.

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### IATA-DGR

UN/ID No. : UN 1760  
Proper shipping name : Corrosive liquid, n.o.s.  
(aluminium sulphate)  
Class : 8  
Packing group : III  
Labels : Corrosive  
Packing instruction (cargo aircraft) : 856  
Packing instruction (passenger aircraft) : 852

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### IMDG-Code

UN number : UN 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(aluminium sulphate)  
Class : 8  
Packing group : III  
Labels : 8  
EmS Code : F-A, S-B  
Marine pollutant : no

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

#### ADG

UN number : UN 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(aluminium sulphate)  
Class : 8  
Packing group : III  
Labels : 8  
Hazchem Code : 2X  
Environmentally hazardous : no

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## SECTION 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Therapeutic Goods (Poisons Standard) Instrument : No poison schedule number allocated (Please use the original publication to check for specific uses, specific conditions or threshold limits that might apply for this chemical)

International Chemical Weapons Convention (CWC) : Not applicable

Schedules of Toxic Chemicals and Precursors

Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

National Code of Practice for Chemicals of Security Concern : Not listed

### The components of this product are reported in the following inventories:

AU AIIC : On the inventory, or in compliance with the inventory

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### SECTION 16. OTHER INFORMATION

Revision Date : 07.08.2026  
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Date format : dd.mm.yyyy

#### Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.

AU OEL / TWA : Exposure standard - time weighted average

ADG : Australian Dangerous Goods Code.

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS : Chemical Abstracts Service

DNEL : Derived no-effect level

EC50 : Half maximal effective concentration

GHS : Globally Harmonized System

IATA : International Air Transport Association

IMDG : International Maritime Code for Dangerous Goods

LD50 : Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)

LC50 : Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)

MARPOL : International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978

OEL : Occupational Exposure Limit

PBT : Persistent, bioaccumulative and toxic

PNEC : Predicted no effect concentration

REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency

SVHC : Substances of Very High Concern

vPvB : Very persistent and very bioaccumulative

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. SDS may be obtained from the following website: [aus.sika.com](http://aus.sika.com)

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

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