

# SAFETY DATA SHEET

## SikaGrind®-272



Version 1.0      Revision Date: 11.10.2021      SDS Number: 100000039927      Date of last issue: -  
Date of first issue: 11.10.2021

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SikaGrind®-272  
Product code : 100000039927  
**Manufacturer or supplier's details**  
Company : Sika Australia Pty. Ltd.  
55 Elizabeth Street  
Wetherill Park, NSW 2164  
Telephone : +61 2 9725 11 45  
Telefax : +61 2 9725 33 30  
Emergency telephone number : +61 1800 033 111


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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious eye damage/eye irritation : Category 1  
Short-term (acute) aquatic hazard : Category 3

#### GHS label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : H318 Causes serious eye damage.  
H402 Harmful to aquatic life.

Precautionary statements : **Prevention:**  
P273 Avoid release to the environment.  
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.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

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### 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)
2,2',2''-nitrilotriethanol	102-71-6	>= 10 -< 30
1,1',1''-nitrilotripropan-2-ol	122-20-3	>= 10 -< 30
acetic acid	64-19-7	>= 5 -< 10
2,2'-iminodiethanol	111-42-2	>= 3 -< 10

## 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 : No known significant effects or hazards.  
Excessive lachrymation  
See Section 11 for more detailed information on health effects and symptoms.  
Causes serious eye damage.
- Notes to physician : Treat symptomatically.

## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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- 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.

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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 : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- 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.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Store in accordance with local regulations.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2,2',2"-nitrioltriethanol	102-71-6	TWA	5 mg/m <sup>3</sup>	AU OEL
Further information: Sensitiser				
acetic acid	64-19-7	TWA	10 ppm 25 mg/m <sup>3</sup>	AU OEL
		STEL	15 ppm 37 mg/m <sup>3</sup>	AU OEL
2,2'-iminodiethanol	111-42-2	TWA	3 ppm 13 mg/m <sup>3</sup>	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 goggles

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

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : liquid

**Colour** : brown

**Odour** : No data available

**Odour Threshold** : No data available

**pH** : 8

**Melting point/range / Freezing** : No data available

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point	
Boiling point/boiling range	: 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	: 1.06 g/cm <sup>3</sup> (20 °C (68 °F))
Solubility(ies)	
Water solubility	: No data available
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 emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 6% w/w

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: The product is chemically stable.
Possibility of hazardous reac-	: No hazards to be specially mentioned.

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tions

Conditions to avoid : No data available

Incompatible materials : see section 7.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Components:

##### **1,1',1'-nitriлотripropan-2-ol:**

Acute oral toxicity : LD50 Oral (Rat): ca. 4,000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5,000 mg/kg

#### **Skin corrosion/irritation**

Not classified based on available information.

#### **Serious eye damage/eye irritation**

Causes serious eye damage.

#### **Respiratory or skin sensitisation**

##### **Skin sensitisation**

Not classified based on available information.

##### **Respiratory sensitisation**

Not classified based on available information.

#### **Chronic toxicity**

##### **Germ cell mutagenicity**

Not classified based on available information.

##### **Carcinogenicity**

Not classified based on available information.

##### **Reproductive toxicity**

Not classified based on available information.

##### **STOT - single exposure**

Not classified based on available information.

##### **STOT - repeated exposure**

Not classified based on available information.

##### **Aspiration toxicity**

Not classified based on available information.

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

##### **1,1',1'-nitrilotripropan-2-ol:**

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): > 500 mg/l  
Exposure time: 48 h

##### **2,2'-iminodiethanol:**

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 55 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 75 mg/l  
Exposure time: 72 h

#### 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 : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

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### UNRTDG

Not regulated as a dangerous good

### IATA-DGR

Not regulated as a dangerous good

### IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

### National Regulations

### ADG

Not regulated as a dangerous good

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## SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform      :    Schedule 5  
Scheduling of Medicines and  
Poisons

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 carcino-  
gens referred to in Schedule 10 of  
the model WHS Act and Regula-  
tions.

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

AIRC      :    On the inventory, or in compliance with the inventory

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## SECTION 16. OTHER INFORMATION

Revision Date      :    11.10.2021  
Date format      :    dd.mm.yyyy

### Full text of other abbreviations

AU OEL      :    Australia. Workplace Exposure Standards for Airborne Con-  
taminants.  
AU OEL / TWA      :    Exposure standard - time weighted average  
AU OEL / STEL      :    Exposure standard - short term exposure limit  
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

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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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