

# SAFETY DATA SHEET

## SikaGrind®-108 (TH)



Version 3.0

SDS Number: 000000611807

Revision Date: 2018/06/21

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SikaGrind®-108 (TH)  
Product code : 000000611807  
Type of product : liquid

#### Manufacturer or supplier's details

Company : Sika (Thailand) Limited  
700/37 Moo. 5 Amata Nakorn Estate  
Bangna-Trad Km.57  
Tambol Klong Tamhru  
Muang District  
Chonburi 20000  
Thailand  
Telephone : +66 3810 9500  
Emergency telephone number : +66 3821 4270-85  
Telefax : +66 3821 4286  
E-mail address : Sikathai@th.sika.com

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious eye damage/eye irritation : Category 2A

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P280 Wear eye protection/ face protection.  
**Response:**  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

#### Other hazards which do not result in classification

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Substance / Mixture : Mixture

### Hazardous components

Chemical name	CAS-No.	Concentration (%)
2,2',2''-nitrilotriethanol	102-71-6	>= 10 - < 20
acetic acid	64-19-7	>= 1 - < 3

## 4. FIRST AID MEASURES

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.  
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.  
See Section 11 for more detailed information on health effects and symptoms.  
Causes serious eye irritation.
- Notes to physician : Treat symptomatically.

## 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.

## 6. ACCIDENTAL RELEASE MEASURES

- Environmental precautions : No special environmental precautions required.
- Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

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### 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : For personal protection see section 8.  
No special handling advice required.  
Follow standard hygiene measures when handling chemical products
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Store in accordance with local regulations.
- Materials to avoid : No special restrictions on storage with other products.

### 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"-nitrilotriethanol	102-71-6	TWA	5 mg/m <sup>3</sup>	ACGIH
acetic acid	64-19-7	TWA	10 ppm	TH OEL
		TWA	10 ppm	ACGIH
		STEL	15 ppm	ACGIH

#### Personal protective equipment

- Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.
- 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.
- Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: brown
Odour	: characteristic
Odour Threshold	: No data available
pH	: ca. 9.20
Melting point/range / Freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: Not applicable
Evaporation rate	: No data available
Flammability	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: 23 hPa (17 mmHg)
Relative vapour density	: No data available
Density	: ca. 1.18 g/cm <sup>3</sup> (25 °C (77 °F) ())
Solubility(ies)	
Water solubility	: soluble
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: < 20 mPa.s (25 °C)
Viscosity, kinematic	: > 7 mm <sup>2</sup> /s (40 °C)
Explosive properties	: No data available
Molecular weight	: No data available

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### 10. STABILITY AND REACTIVITY

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Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: The product is chemically stable.
Possibility of hazardous reactions	: No hazards to be specially mentioned.
Conditions to avoid	: No data available
Incompatible materials	: No data available
No decomposition if stored and applied as directed.	

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### 11. TOXICOLOGICAL INFORMATION

#### **Acute toxicity**

No data available

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

Not classified based on available information.

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

Causes serious eye irritation.

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

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

#### **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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### 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

No data available

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

No data available

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### 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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## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## 14. TRANSPORT INFORMATION

### International Regulations

#### **UNRTDG**

Not dangerous goods

#### **IATA-DGR**

Not dangerous goods

#### **IMDG-Code**

Not dangerous goods

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

Not applicable for product as supplied.

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## 15. REGULATORY INFORMATION

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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : 2,2',2"-nitrioltriethanol

Hazardous Substance Act B.E. 2535 : 2,2',2"-nitrioltriethanol acetic acid

Emergency Decree on Controlling the Use of Volatile Substances B.E. 2533 : Not applicable

VOC-EU (solvent) : 94.35 g/l

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## 16. OTHER INFORMATION

Date format : yyyy/mm/dd

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.