

# SAFETY DATA SHEET

## SikaGrind® LS 3326



Version  
1.0

Revision Date:  
14.04.2026

SDS Number (Internal):  
100000054898

Date of last issue: -  
Date of first issue: 14.04.2026

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SikaGrind® LS 3326

#### Manufacturer or supplier's details

Company : Sika Korea Ltd.  
724, Anseongmatchum-daero  
Miyang-myeon  
Anseong-si  
Gyeonggi-do  
Korea

Telephone : +82-31-8056-7777

Emergency telephone number : +82-31-8056-7777

E-mail address : ehs@kr.sika.com

Telefax : +82-31-8056-7788

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### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin sensitisation : Category 1

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements :

#### Prevention:

P261 Avoid breathing mist or vapours.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves.

#### Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

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### Disposal:

P501 Dispose of contents/ container according to waste-related laws

### Other hazards which do not result in classification

No data available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	Common Name	CAS-No.	Concentration (% w/w)
2,2',2''-nitrilotriethanol	2,2',2''-nitrilotriethanol	102-71-6	$\geq 1 - < 5$
glycerol	glycerol	56-81-5	$\geq 1 - < 5$
2,2'-iminodiethanol	2,2'-iminodiethanol	111-42-2	$\geq 0.1 - < 1$

## 4. FIRST AID MEASURES

- General advice : No hazards which require special first aid measures.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- If inhaled : Move to fresh air.
- 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.  
May cause an allergic skin reaction.
- Notes to physician : Treat symptomatically.

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### 5. FIREFIGHTING MEASURES

#### Suitable and unsuitable extinguishing media

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.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : For personal protection see section 8.

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.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of	Control parameters / Permissible	Basis
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		exposure)	concentration	
2,2',2"-nitrioltriethanol	102-71-6	TWA	5 mg/m <sup>3</sup>	ACGIH
glycerol	56-81-5	TWA (Mist)	10 mg/m <sup>3</sup>	KR OEL
2,2'-iminodiethanol	111-42-2	TWA (Inhalable fraction and vapor)	2 mg/m <sup>3</sup>	KR OEL
	Further information: Limited evidence of carcinogenicity in humans or animals, which is not sufficiently convincing to place the substance in Category 1, Substances designated by 'Skin' may be absorbed into the bloodstream through the skin, mucous membrane and eye and contribute to the overall effect. (Skin notation does not apply to the skin irritant)			
		TWA (Inhalable fraction and vapor)	1 mg/m <sup>3</sup>	ACGIH

Other ingredients, which are listed in section 3 but not listed in this section, do not have established occupational exposure limit values.

**Personal protective equipment. Among the following personal protective equipment, the PPEs which require safety certification need to be certified by KOSHA.**

- 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.
- Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- 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.
- 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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : No data available
- Odour : characteristic

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Odour Threshold : No data available

pH : ca. 9

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 (solid, gas) : No data available

### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : 23 hPa

### Solubility(ies)

Water solubility : No data available

Solubility in other solvents : No data available

Density : ca. 1.05 g/cm<sup>3</sup> (20 °C)

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

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## 10. STABILITY AND REACTIVITY

Chemical stability and possibility of hazardous reactions : 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:  
No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : No data available

Hazardous decomposition products : No hazardous decomposition products are known.

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### 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : No data available

#### Health hazard information

##### Acute toxicity

No data available

##### Skin corrosion/irritation

No data available

##### Serious eye damage/eye irritation

No data available

##### Respiratory or skin sensitisation

##### Respiratory sensitisation

No data available

##### Skin sensitisation

May cause an allergic skin reaction.

##### Carcinogenicity

No data available

##### Components:

##### **2,2',2''-nitrilotriethanol:**

No data available

##### **glycerol:**

No data available

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

Suspected of causing cancer.

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

No data available

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### Components:

#### **2,2',2''-nitrilotriethanol:**

No data available

#### **glycerol:**

No data available

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

No data available

### **Reproductive toxicity**

No data available

### Components:

#### **2,2',2''-nitrilotriethanol:**

No data available

#### **glycerol:**

No data available

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

No data available

### **STOT - single exposure**

No data available

### **STOT - repeated exposure**

No data available

### **Repeated dose toxicity**

No data available

### **Aspiration toxicity**

No data available

### **Experience with human exposure**

No data available

### **Toxicology, Metabolism, Distribution**

No data available

### **Neurological effects**

No data available

### **Further information**

No data available

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### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

##### **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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### 13. DISPOSAL CONSIDERATIONS

#### **Disposal methods**

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

#### **Disposal precautions**

Dispose of contents and container according to wastes control act.

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### 14. TRANSPORT INFORMATION

#### **International Regulations**

##### **UNRTDG**

Not regulated as a dangerous good

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable

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Environmentally hazardous : no

### IATA-DGR

Not regulated as a dangerous good

UN/ID No. : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Packing instruction (cargo aircraft) : Not applicable  
Packing instruction (passenger aircraft) : Not applicable

### IMDG-Code

Not regulated as a dangerous good  
UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
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

Refer to section 15 for specific national regulation.

### Special precautions for user

Not applicable

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## 15. REGULATORY INFORMATION

### National regulatory information

#### Regulation under the Occupational Safety and Health Act

#### Harmful Substances Prohibited from Manufacturing

Not applicable

#### Harmful Substances Required Permission for Manufacture

Not applicable

#### Harmful Agents to be kept below Occupational Exposure Limits

Chemical name	CAS-No.
Glycerin	56-81-5
Diethanolamine	111-42-2

#### Harmful Agents Required to be kept below Permission Levels

Not applicable

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### **Hazardous substances requiring management**

Not applicable

### **Special Management Materials**

Not applicable

### **Controlled Substances Subject to Environment Monitoring**

Not applicable

### **Controlled Substances Subject to Health Examination**

Not applicable

### **Hazardous Substances Subject to Process Safety Management (PSM) Reporting Obligation**

Not applicable

### **K-OSHA Hazardous Substances (Occupational Safety and Health Regulations, Table 1)**

Not applicable

### **K-OSHA Hazardous Substances (Occupational Safety and Health Regulations, Table 9)**

Not applicable

### **Regulation under the Chemicals Control Act**

#### **Chemicals of Acute and Chronic Hazard to Human Health and the Environment**

#### **Accident Precaution Chemicals**

Not applicable

#### **Toxic Release Inventory**

Not applicable

#### **Act on Registration and Evaluation of Chemical Substances (K-REACH)**

#### **Restricted Chemicals**

Not applicable

#### **Prohibited Chemicals**

Not applicable

#### **Substances with Unconfirmed Hazards**

Not applicable

#### **Dangerous Substances Safety Management Act**

Not Applicable to Dangerous Materials

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable

#### **㉑. Wastes Control Act**

Industrial general wastes  
Follow article 13 of the act to dispose the product waste

#### **㉒. Other requirements in domestic and other countries**

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

JP ENCS : Not in compliance with the inventory

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JP ISHL : Not in compliance with the inventory  
KR KECI : Not in compliance with the inventory

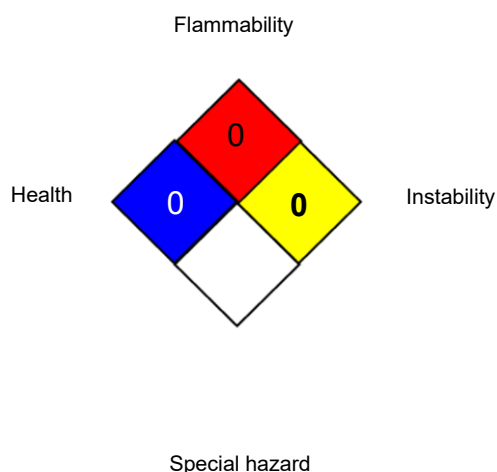
### 16. OTHER INFORMATION

Issuing date : 14.04.2026

#### Revision number and date

Number of Revision : 1.0  
Revision Date : 14.04.2026  
Date format : yyyy/mm/dd

#### NFPA:



#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
KR OEL : Harmful Agents to be kept below Occupational Exposure Limits

ACGIH / TWA : 8-hour, time-weighted average  
KR OEL / TWA : Time Weighted Average  
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 dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)

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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

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KR / EN