

Globally Harmonized System of Classification and Labelling of  
Chemicals (GHS)

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name : SHINEDECOR 5000  
Material number : 023845HD0

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

This information is not available.

**1.3 Details of the supplier of the safety data sheet**

Company : ECKART GmbH  
Guntersthal 4  
91235 Hartenstein  
Telephone : +499152770  
Telefax : +499152777008  
E-mail address : [msds.eckart@altana.com](mailto:msds.eckart@altana.com)  
Responsible/issuing person

**1.4 Emergency telephone number****NCEC:**

(contract no.: ECKART29003-NCEC)

+44 1235 239671 (Middle East/Africa, call and response in your language)

+1 215 207 0061 (Americas, call and response in your language)

+65 3158 1074 (Asia-Pacific, call and response in your language)

**SECTION 2: Hazards identification****GHS Classification**

Not a hazardous substance or mixture.

**GHS-Labeling**

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

## SHINEDECOR 5000

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

Not a hazardous substance or mixture.

**Hazardous components which must be listed on the label**

### SECTION 3: Composition/information on ingredients

Substance No. :

#### Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
aluminium	7429-90-5 231-072-3	Flam. Sol.;1;H228	25 - 50
Phosphoric acid, C11-14-isoalkyl esters, C13-rich	154518-38-4 (52933-07-0)	;2;H315 ;1;H318 Aquatic Acute;2;H401 Aquatic Chronic;2;H411	3 - 10
2-dimethylaminoethanol	108-01-0 203-542-8	Flam. Liq.;3;H226 Acute Tox.;4;H302 Acute Tox.;3;H331 Acute Tox.;5;H313 ;1B;H314 ;1;H318 STOT SE;3;H335	0,1 - 1
Alcohols, C11-14-iso-, C13-rich	68526-86-3 271-235-6	;2;H315 Aquatic Acute;1;H400 Aquatic Chronic;2;H411	0,1 - 0,25

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

--	--	--	--

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4: First aid measures**
**4.1 Description of first aid measures**

General advice	: Move the victim to fresh air. No hazards which require special first aid measures.
If inhaled	: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: Wash off immediately with soap and plenty of water.
In case of eye contact	: Immediately flush eye(s) with plenty of water. Remove contact lenses.
If swallowed	: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

This information is not available.

**4.3 Indication of any immediate medical attention and special treatment needed**

This information is not available.

**SECTION 5: Firefighting measures**
**5.1 Extinguishing media**

Suitable extinguishing media : Dry sand, ABC powder, Foam

Unsuitable extinguishing media : Water, Carbon dioxide (CO<sub>2</sub>)

**5.2 Special hazards arising from the substance or mixture**

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

This information is not available.

**5.3 Advice for firefighters**

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Personal precautions : Evacuate personnel to safe areas.

**6.2 Environmental precautions**

- General advice : The product should not be allowed to enter drains, water courses or the soil.  
If the product contaminates rivers and lakes or drains inform respective authorities.

This information is not available.

**6.3 Methods and materials for containment and cleaning up**

- Methods for cleaning up : Use mechanical handling equipment.  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Wipe up with absorbent material (e.g. cloth, fleece).  
Do not flush with water.  
Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For personal protection see section 8.

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Advice on safe handling : For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Hygiene measures : General industrial hygiene practice.

**7.2 Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : Earthing of containers and apparatuses is essential. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Store in original container.
- Electrical installations / working materials must comply with the technological safety standards.
- Advice on common storage : Do not store near acids. Do not store together with oxidizing and self-igniting products. Keep away from oxidizing agents and strongly acid or alkaline materials. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- Other data : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

This information is not available.

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

**SECTION 8: Exposure controls/personal protection**
**8.1 Control parameters**
**Germany:**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium	7429-90-5	AGW (Inhalable fraction)	10 mg/m <sup>3</sup>	2021-07-02	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
Further information		When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
aluminium	7429-90-5	AGW (Alveolate fraction)	1,25 mg/m <sup>3</sup>	2021-07-02	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
Further information		When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
2,2',2''-nitrilotriethanol	102-71-6	AGW (Inhalable fraction)	1 mg/m <sup>3</sup>	2018-06-07	DE TRGS 900
Peak-limit: excursion factor (category)		1;(I)			
Further information		Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission).When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			

**United States of America (USA):**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium	7429-90-5	TWA (total dust)	50 Million particles per cubic foot	2012-07-01	

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

aluminium	7429-90-5	TWA (Respirable)	5 mg/m3	2013-10-08	
aluminium	7429-90-5	TWA (total dust)	15 mg/m3	2012-07-01	
aluminium	7429-90-5	TWA (total)	10 mg/m3	2013-10-08	
aluminium	7429-90-5	TWA (respirable fraction)	5 mg/m3	2012-07-01	
aluminium	7429-90-5	TWA (respirable fraction)	15 Million particles per cubic foot	2012-07-01	
aluminium	7429-90-5	PEL (Total dust)	10 mg/m3	2014-11-26	
aluminium	7429-90-5	PEL (respirable dust fraction)	5 mg/m3	2014-11-26	
aluminium	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2008-01-01	
aluminium	7429-90-5	TWA	5 mg/m3	2005-09-01	
aluminium	7429-90-5	TWA (Total)	15 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (Respirable fraction)	5 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (total dust)	15 mg/m3	2011-07-01	
aluminium	7429-90-5	TWA (respirable fraction)	5 mg/m3	2011-07-01	
aluminium	7429-90-5	TWA (Total dust)	15 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (respirable dust fraction)	5 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (welding fumes)	5 mg/m3	2013-10-08	
aluminium	7429-90-5	TWA (pyro powders)	5 mg/m3	2013-10-08	
aluminium	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2013-03-01	
aluminium	7429-90-5	TWA (Fumes)	5 mg/m3	1989-01-19	
aluminium	7429-90-5	PEL (Welding fumes)	5 mg/m3	2017-10-02	
aluminium	7429-90-5	PEL (Pyro powders)	5 mg/m3	2017-10-02	
aluminium	7429-90-5	TWA (powder)	5 mg/m3	1989-01-19	

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

2,2',2''-nitrilotriethanol	102-71-6	TWA	5 mg/m <sup>3</sup>	2013-03-01	
2,2',2''-nitrilotriethanol	102-71-6	PEL	5 mg/m <sup>3</sup>	2014-11-26	

## 8.2 Exposure controls

### Personal protective equipment

- Eye protection : Goggles  
: Safety glasses
- Hand protection
- Material : Solvent-resistant gloves (butyl-rubber)
- Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.  
Recommended preventive skin protection  
Skin should be washed after contact.  
The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Respiratory protection : Use suitable breathing protection if workplace concentration requires.  
: No personal respiratory protective equipment normally required.

### Environmental exposure controls

- General advice : The product should not be allowed to enter drains, water



**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

courses or the soil.  
: If the product contaminates rivers and lakes or drains inform  
respective authorities.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance	: liquid
Colour	: silver
Odour	: characteristic
pH	: 6 - 8, 100 %
Freezing point	: No data available
Boiling point/boiling range	: 100 °C
Flash point	: > 100 °C
Bulk density	: No data available
Flammability (solid, gas)	: No data available
Auto-flammability	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Density	: 1,2 g/cm <sup>3</sup>
Solubility(ies)	
Water solubility	: insoluble
Miscibility with water	: partly miscible
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

Ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Flow time	: No data available

**9.2 Other information**

No data available

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Contact with acids and alkalis may release hydrogen.

Stable under recommended storage conditions.

**10.4 Conditions to avoid**Conditions to avoid : Do not allow evaporation to dryness.  
No data available**10.5 Incompatible materials**Materials to avoid : Acids  
Bases  
Oxidizing agents**10.6 Hazardous decomposition products**

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

Other information : No data available

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity****Components:****2-dimethylaminoethanol :**Acute oral toxicity : The component/mixture is moderately toxic after single  
ingestion.

Acute inhalation toxicity : The component/mixture is toxic after short term inhalation.

Acute dermal toxicity : The component/mixture is moderately toxic after a single skin  
contact.**Skin corrosion/irritation****Product**

Result: No skin irritation

Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation****Product**

Result: No eye irritation

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

---

Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation**

No data available

**Carcinogenicity**

No data available

**Toxicity to reproduction/fertility**

No data available

**Reprod.Tox./Development/Teratogenicity**

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Aspiration toxicity**

No data available

**Further information****Product**

No data available

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

**SECTION 12: Ecological information****12.1 Toxicity****Product:**

## Ecotoxicology Assessment

Short-term (acute) aquatic hazard : This product has no known ecotoxicological effects.

Long-term (chronic) aquatic hazard : This product has no known ecotoxicological effects.

**Components:****Phosphoric acid, C11-14-isoalkyl esters, C13-rich (154518-38-4) :**Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 24 mg/l  
Exposure time: 96 hToxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 6,31 mg/l  
Exposure time: 48 hToxicity to algae : EC50 (algae): 150 mg/l  
Exposure time: 72 h**Ecotoxicology Assessment**

Long-term (chronic) aquatic hazard : Toxic to aquatic life with long lasting effects.

**2-dimethylaminoethanol (108-01-0) :**

Toxicity to daphnia and other aquatic invertebrates : (Daphnia (water flea)): 98,77 mg/l

Toxicity to algae : (Chlorella pyrenoidosa (algae)): 35 mg/l  
Exposure time: 72 h**Alcohols, C11-14-iso-, C13-rich (68526-86-3) :****Ecotoxicology Assessment**

Short-term (acute) aquatic hazard : Very toxic to aquatic life.

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

---

Long-term (chronic) aquatic hazard : Toxic to aquatic life with long lasting effects.

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Other adverse effects****Product:**

Additional ecological information : No data available

---

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Product : In accordance with local and national regulations.  
Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.  
In accordance with local and national regulations.

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

**SECTION 14: Transport information****14.1 UN number****ADR**

Not dangerous goods

**TDG**

Not dangerous goods

**CFR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

:

**IATA**

: Not permitted for transport

**14.2 Proper shipping name****ADR**

Not dangerous goods

**TDG**

Not dangerous goods

**CFR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

:

Not permitted for transport

**14.3 Transport hazard class****ADR**

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

Not dangerous goods

**TDG**

Not dangerous goods

**CFR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

: Not permitted for transport

**14.4 Packing group****ADR**

Not dangerous goods

**TDG**

Not dangerous goods

**CFR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA****(Cargo)** : Not permitted for transport**(Passenger)** : Not permitted for transport**14.5 Environmental hazards****14.6 Special precautions for user**

Due to the risk of hydrogen development we recommend to refrain from airfreighting this/these product(s).



**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

Not classified as dangerous in the meaning of transport regulations.

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

No data available

**SECTION 15: Regulatory information**
**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	: Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	: Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	: Not applicable
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	: Banned and/or restricted (aluminium powder (stabilised)) (Phosphoric acid, C11-14-isoalkyl esters, C13-rich) (2-dimethylaminoethanol) (Alcohols, C11-14-iso-, C13-rich)

**15.2 Chemical safety assessment**

No data available

**SECTION 16: Other information**
**Full text of H-Statements**

H226 : Flammable liquid and vapour.

Globally Harmonized System of Classification and Labelling of  
Chemicals (GHS)

**SHINEDECOR 5000**

Version 6.0

Revision Date 22.04.2024

Print Date 23.04.2024

H228	: Flammable solid.
H302	: Harmful if swallowed.
H313	: May be harmful in contact with skin.
H314	: Causes severe skin burns and eye damage.
H315	: Causes skin irritation.
H318	: Causes serious eye damage.
H331	: Toxic if inhaled.
H335	: May cause respiratory irritation.
H400	: Very toxic to aquatic life.
H401	: Toxic to aquatic life.
H411	: Toxic to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.