

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

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

Trade name : SHINEDECOR 3500 NEU
Material number : 023844HD0

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
Guentersthal 4
91235 Hartenstein
Telephone : +499152770
Telefax : +499152777008
E-mail address : 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 dangerous substance according to GHS.

GHS-Labelling

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS).

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 powder (stabilised)	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	Aquatic Acute;1;H400	0,25 - 1
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and	55965-84-9	Skin Corr.;1C;H314 Skin Sens.;1A;H317	0,0003 - 0,0025

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

2-methyl-2H-isothiazol-3-one (3:1)		Acute Tox.;2;H330 Acute Tox.;2;H310 Acute Tox.;3;H301 ;1;H318 Aquatic Acute;1;H400 Aquatic Chronic;1;H410	
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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.
Do not leave the victim unattended.
- Do not leave the victim unattended.
- If inhaled : Remove to fresh air.
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 eye irritation persists, consult a specialist.
- 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.

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

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

5.2 Special hazards arising from the substance or mixture

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 : 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

This information is not available.

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

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).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

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.

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

No materials to be especially mentioned.

Other data

: No decomposition if stored and applied as directed.

7.3 Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Germany:

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium powder (stabilised)	7429-90-5	AGW (Inhalable fraction)	10 mg/m ³	2014-04-02	DE TRGS 900
Peak-limit: excursion factor (category)	2;(II)				
aluminium powder (stabilised)	7429-90-5	AGW (Alveolate fraction)	1,25 mg/m ³	2014-04-02	DE TRGS 900
Peak-limit: excursion factor (category)	2;(II)				
2,2',2''-nitrilotriethanol	102-71-6	AGW (Inhalable fraction)	1 mg/m ³	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				

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

United States of America (USA):

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	50 Million particles per cubic foot	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable)	5 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	15 mg/m3	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (total)	10 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	5 mg/m3	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	15 Million particles per cubic foot	2012-07-01	
aluminium powder (stabilised)	7429-90-5	PEL (Total dust)	10 mg/m3	2014-11-26	
aluminium powder (stabilised)	7429-90-5	PEL (respirable dust fraction)	5 mg/m3	2014-11-26	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2008-01-01	
aluminium powder (stabilised)	7429-90-5	TWA	5 mg/m3	2005-09-01	
aluminium powder (stabilised)	7429-90-5	TWA (Total)	15 mg/m3	1989-01-19	

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

aluminium powder (stabilised)	7429-90-5	TWA (Respirable fraction)	5 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	15 mg/m3	2011-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	5 mg/m3	2011-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (Total dust)	15 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (respirable dust fraction)	5 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (welding fumes)	5 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (pyro powders)	5 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2013-03-01	
aluminium powder (stabilised)	7429-90-5	TWA (Fumes)	5 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	PEL (Welding fumes)	5 mg/m3	2017-10-02	
aluminium powder (stabilised)	7429-90-5	PEL (Pyro powders)	5 mg/m3	2017-10-02	
2,2',2''-nitrilotriethanol	102-71-6	TWA	5 mg/m3	2013-03-01	
2,2',2''-nitrilotriethanol	102-71-6	PEL	5 mg/m3	2014-11-26	

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

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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.

Skin and body protection : Protective suit

Respiratory protection : Use suitable breathing protection if workplace concentration requires.

: No personal respiratory protective equipment normally

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

required.

Environmental exposure controls

Water : The product should not be allowed to enter drains, water
courses or the soil.

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	: No data available
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	: No data available
Water solubility	: No data available
Miscibility with water	: No data available

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
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., No hazards
to be specially mentioned.**10.4 Conditions to avoid**

Conditions to avoid : Do not allow evaporation to dryness.

No data available

10.5 Incompatible materials

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

Materials to avoid : Acids
Bases
Oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products : No data available

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 minimally toxic after single contact with skin.

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) :

Acute oral toxicity : The component/mixture is toxic after single ingestion.

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

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

Acute dermal toxicity : The component/mixture is highly toxic after single contact with skin.

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

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

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

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

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) :**

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 24 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 6,31 mg/l
aquatic invertebrates Exposure time: 48 h

Toxicity to algae : EC50 (algae): 150 mg/l
Exposure time: 72 h

2-dimethylaminoethanol (108-01-0) :

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

Toxicity to algae : (Chlorella pyrenoidosa (algae)): 35 mg/l
Exposure time: 72 h

Alcohols, C11-14-iso-, C13-rich (68526-86-3) :

M-Factor : 1

Ecotoxicology Assessment

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

5-Chloro-2-methyl-3(2H)isothiazole mixt. with 2-Methyl-3(2H)isothiazolone (55965-84-9) :**Ecotoxicology Assessment**

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

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

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects**Product:**

Additional ecological : No data available
information

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

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

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

Not dangerous goods

TDG

Not dangerous goods

CFR

Not dangerous goods

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

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**

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**

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

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).

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 : Not applicable

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

Concern for Authorisation (Article 59).

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,
preparations 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)
(2,2'-iminodiethanol)
(reaction mass of 5-chloro-2-methyl-
2H-isothiazol-3-one and 2-methyl-
2H-isothiazol-3-one (3:1))
(pyridine-2-thiol 1-oxide, sodium
salt)

15.2 Chemical safety assessment

No data available

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

H226 : Flammable liquid and vapour.
H228 : Flammable solid.
H301 : Toxic if swallowed.
H302 : Harmful if swallowed.
H310 : Fatal in contact with skin.
H313 : May be harmful in contact with skin.
H314 : Causes severe skin burns and eye damage.

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

SHINEDECOR 3500 NEU

Version 5.0

Revision Date 05.04.2022

Print Date 06.04.2022

H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H330	: Fatal if inhaled.
H331	: Toxic if inhaled.
H335	: May cause respiratory irritation.
H400	: Very toxic to aquatic life.
H401	: Toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.
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.