

SHINEDECOR 2000

Version 1.0 Revision Date: 08/15/2018 SDS Number: 102000029532 Date of last issue: -
Date of first issue: 08/15/2018

SECTION 1. IDENTIFICATION

Product name : SHINEDECOR 2000

Product code : 023843HD0

Manufacturer or supplier's details

Company name of supplier : ECKART GmbH

Address : Guentersthal 4
Hartenstein 91235

Telephone : +499152770

Telefax : +499152777008

Emergency telephone : CHEMTREC: 800-424-9300
CHEMTREC: 1-703-527-3387 (International)

GBK Gefahrgut Buero GmbH, Ingelheim, Germany:
From outside US: (001) 352-323-3500
(First call in English, response in your language is possible)
US & Canada (toll free):1-800-5355-053

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with 29 CFR 1910.1200**

Specific target organ : Category 2
systemic toxicity - repeated
exposure

GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H373 May cause damage to organs through prolonged or
repeated exposure.

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Precautionary Statements : **Prevention:**
 P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

Response:
 P314 Get medical advice/ attention if you feel unwell.

Disposal:
 P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous ingredients which must be listed on the label:
 1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-

Other hazards
 None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

| Chemical name | CAS-No. | Concentration (% w/w) |
|--|-----------|-----------------------|
| Aluminum | 7429-90-5 | >= 20 - < 30 |
| 1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro- | 95-38-5 | >= 1 - < 3 |

SECTION 4. FIRST AID MEASURES

General advice : Take the victim into fresh air.
 Do not leave the victim unattended.
 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 eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.

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Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : May cause damage to organs through prolonged or repeated exposure.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Dry sand
ABC powder
Foam

Unsuitable extinguishing media : Water

Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Evacuate personnel to safe areas.

Methods and materials for containment and 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.

SECTION 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.

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Smoking, eating and drinking should be prohibited in the application area.

Conditions for safe storage : 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.

Materials to avoid : 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.

Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|------------|-----------|-------------------------------|--|-----------|
| Aluminum | 7429-90-5 | TWA (total dust) | 50 Million particles per cubic foot | OSHA Z-3 |
| | | TWA (Respirable) | 5 mg/m ³ | NIOSH REL |
| | | TWA (total dust) | 15 mg/m ³ | OSHA Z-3 |
| | | TWA (total) | 10 mg/m ³ | NIOSH REL |
| | | TWA (respirable fraction) | 5 mg/m ³ | OSHA Z-3 |
| | | TWA (respirable fraction) | 15 Million particles per cubic foot | OSHA Z-3 |
| | | TWA (Respirable fraction) | 1 mg/m ³ | ACGIH |

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|--|--|--------------------------------------|------------------------|-----------|
| | | TWA | 5 mg/m3 (Aluminum) | NIOSH REL |
| | | TWA (Total) | 15 mg/m3 (Aluminum) | OSHA P0 |
| | | TWA (Respirable fraction) | 5 mg/m3 (Aluminum) | OSHA P0 |
| | | TWA (total dust) | 15 mg/m3 (Aluminum) | OSHA Z-1 |
| | | TWA (respirable fraction) | 5 mg/m3 (Aluminum) | OSHA Z-1 |
| | | TWA (Total dust) | 15 mg/m3 (Aluminum) | OSHA P0 |
| | | TWA (respirable dust fraction) | 5 mg/m3 (Aluminum) | OSHA P0 |
| | | TWA (welding fumes) | 5 mg/m3 (Aluminum) | NIOSH REL |
| | | TWA (pyro powders) | 5 mg/m3 (Aluminum) | NIOSH REL |
| | | TWA (Respirable fraction) | 1 mg/m3 (Aluminum) | ACGIH |
| | | TWA (Fumes) | 5 mg/m3 | OSHA P0 |

Hazardous components without workplace control parameters

| Components | CAS-No. |
|--|---------|
| 1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro- | 95-38-5 |

Personal protective equipment

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

No personal respiratory protective equipment normally required.

Hand protection

Material : Solvent-resistant gloves (butyl-rubber)

Remarks : Take note of the information given by the producer

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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.

Eye protection : Goggles
Safety glasses

Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---------------------|
| Appearance | : liquid |
| Color | : silver |
| Odor | : characteristic |
| Odor Threshold | : No data available |
| pH | : No data available |
| Melting point/freezing point | : No data available |
| Initial boiling point and boiling range | : No data available |
| Flash point | : > 100 °C |
| 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 |
| Vapor pressure | : No data available |
| Relative density | : No data available |
| Solubility(ies) | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Autoignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | : No data available |

SECTION 10. STABILITY AND REACTIVITY

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Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Contact with acids and alkalis may release hydrogen. Stable under recommended storage conditions.

Conditions to avoid : Do not allow evaporation to dryness.
No data available

Incompatible materials : Acids
Bases
Oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Components:**1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-:**

Remarks: Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Not classified based on available information.

Components:**1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-:**

Remarks: May cause irreversible eye damage.

Respiratory or skin sensitization**Skin sensitization**

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

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Carcinogenicity

Not classified based on available information.

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

Further information**Components:**

1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:**

1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-:

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

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Persistence and degradability

No data available

Bioaccumulative potential

No data available

Other adverse effects

No data available

Components:**1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : 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.

SECTION 14. TRANSPORT INFORMATION**Domestic regulation****49 CFR**

Not regulated as a dangerous good

International Regulations**IATA-DGR**

Not permitted for transport

IMDG-Code

Not regulated as a dangerous good

Remarks : 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.

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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SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know**CERCLA Reportable Quantity**

| Components | CAS-No. | Component RQ (lbs) |
|-----------------------------|----------|-----------------------|
| Ethanol, 2-(dimethylamino)- | 108-01-0 | 100 |

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Specific target organ toxicity (single or repeated exposure)

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

| | | |
|----------|-----------|----------------|
| Aluminum | 7429-90-5 | >= 20 - < 30 % |
|----------|-----------|----------------|

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM1 Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations**Massachusetts Right To Know**

| | |
|----------|-----------|
| Aluminum | 7429-90-5 |
|----------|-----------|

Pennsylvania Right To Know

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| | |
|----------|-----------|
| Water | 7732-18-5 |
| Aluminum | 7429-90-5 |

California Prop. 65

WARNING: This product can expose you to chemicals including lead and cadmium, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California List of Hazardous Substances

| | |
|----------|-----------|
| Aluminum | 7429-90-5 |
|----------|-----------|

California Permissible Exposure Limits for Chemical Contaminants

| | |
|----------|-----------|
| Aluminum | 7429-90-5 |
|----------|-----------|

The ingredients of this product are reported in the following inventories:

DSL : This product contains one or several components listed in the Canadian NDSL.

TSCA : On TSCA Inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION**Full text of other abbreviations**

| | |
|-----------------|---|
| ACGIH | : USA. ACGIH Threshold Limit Values (TLV) |
| NIOSH REL | : USA. NIOSH Recommended Exposure Limits |
| OSHA P0 | : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 |
| OSHA Z-1 | : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants |
| OSHA Z-3 | : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts |
| ACGIH / TWA | : 8-hour, time-weighted average |
| NIOSH REL / TWA | : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |

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OSHA P0 / TWA : 8-hour time weighted average
 OSHA Z-1 / TWA : 8-hour time weighted average
 OSHA Z-3 / TWA : 8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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The information provided in this Material 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.

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