

O58960 Aluminium-di/tri-stearate

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1. Identification of the Substance/Mixture and of the Company/Undertaking**1.1. Product Identifier***Product Name:* Aluminium-di/tri-stearate*Article No.:* O58960*UFI:* --**1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against***Identified uses:**Stabilizer
Polymer additive
Manufacture of plastic goods**Uses advised against:***1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)***Company:* Interlabshop BV*Address:* Lage Brink 23, 7317BD Apeldoorn The Netherlands*Tel./Fax.:* +31(0)55-5215016*Internet:* www.labshop.nl*EMail:* labshop@labshop.nl*Importer:* --**1.4. Emergency No.***Emergency No.:* 112 (24 hours a day)**1.4.2 Poison Center:****2. Hazards Identification****2.1. Classification of the Substance or Mixture***Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Possible Environmental Effects:***2.2. Label Elements***Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Hazard designation:**Not applicable.**Signal word:**Hazard designation:**Safety designation:**Hazardous components for labelling:***Other Hazards**

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2.3.

3. Composition/Information on Ingredients**3.1. Substance****3.2. Mixture***Chemical Characterization:* Fatty acids, C16-18, aluminum salts*Information on Components / Hazardous Ingredients:*

Aluminium soaps of the fatty acids C16-C18; REACH Reg. No. 01-2119978504-28	100 %	CAS-Nr: EINECS-Nr: 939-582-4 EC-Nr:
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Additional information:

4. First Aid Measures**4.1. Description of the First Aid Measures***General information:**Seek medical attention in case of complaints.**After inhalation:**Supply fresh air.**After skin contact:**Wash with soap and rinse with plenty of water.
Remove contaminated clothing and shoes immediately.
Wash contaminated clothing and shoes before reuse.**After eye contact:**Remove contact lens.
Rinse open eyes with plenty of water for at least 15 minutes.**After ingestion:**Rinse mouth with water and drink plenty of water.
If symptoms persist consult physician.
Never give anything by mouth to an unconscious person.***4.2. Most important Symptoms and Effects, both Acute and Delayed***Symptoms:**No further information available.**Effects:**No further information available.***4.3. Indication of any Immediate Medical Attention and special Treatment needed***Treatment:**No further information available.*

5. Fire-Fighting Measures**5.1. Extinguishing Media***Suitable extinguishing media:**Foam, carbon dioxide (CO₂), extinguishing powder, water spray,
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dry sand.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of CO, CO₂ and fumes.

5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

Wear self-contained respiratory protective device.

Further information:

6. Accidental Release Measures**6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

Personal precautions:

Avoid formation of dust, wear protective clothing. Keep spectators away.

Ensure adequate ventilation.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soil, drains and surface waters.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable containers for disposal. Avoid dust formation.

6.4. Reference to other Sections

Protective clothing, see Section 8.

7. Handling and Storage**7.1. Precautions for Safe Handling**

Instructions on safe handling:

Provide adequate ventilation.

Avoid formation and deposition of dust. Provide adequate ventilation.

Hygienic measures:

Do not eat or drink during work. Do not smoke.

Keep away from foodstuffs and drinks.

Store work clothes separately from other clothes. Wash hands at the end of work.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store at room temperature.

Store in tightly sealed containers in a dry and cool room.

Requirements for storage areas and

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Labshop

Chemicals, Restoration and Art Supplies

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containers:

Store product in closed containers.
Store the product in the original container.

Information on fire and explosion protection:

Dust may form an explosive mixture with air.
Keep away from sources of ignition - do not smoke. Take measures to prevent electrostatic discharge.
Do not store together with: oxidants, acids, halogenated compounds.

Storage class:

10-13 (TRSG 510)

Further Information:

7.3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

TRGS 900
TLV: 1.25 mg/m³ air-borne fraction (general dust limit)
TLV: 10 mg/m³ inhalable fraction (general dust limit)
Peak limit category II (2)

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Ensure adequate ventilation, especially in confined areas.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.
Do not inhale vapor/dust.
Store protective clothing separately.

Respiratory protection:

If exposure limit is exceeded: dust mask with particle filter P2 (for solid and liquid particles DIN 3181).

Hand protection:

Protective gloves (EN 374)
The manufacturer's directions for use should be observed

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*because of the great diversity of types.**Protective glove material:**Neoprene**Eye protection:**Safety glasses with protective shields (EN 166).**Body protection:**Protective clothing, chemical resistant.**Antistatic shoes.**Environmental precautions:**No special measures required.*

9. Physical and Chemical Properties**9.1. Information on Basic Physical and Chemical Properties***Form: powder**Color: white**Odor: odorless**Odor threshold: no information available**pH-Value: not available**Melting temperature: not available**Boiling temperature: not available**Flash point: not available**Evaporation rate: not applicable**Flammability (solid, gas): not available**Upper explosion limit: no information available**Lower explosion limit: no information available**Vapor pressure: < 3 hPa (50°C)**Vapor density: No information available.**Density: 1 kg/m³ (20°C)**Solubility in water: No data available**Coefficient of variation (n- 7.94 logPOW (20°C)*

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Octanol/Water):

no information available

Auto-ignition temperature:

No information available.

Decomposition temperature:

No data available.

Viscosity, dynamic:

not available

Explosive properties:

not applicable

Oxidizing properties:

no information available

Bulk density:

not determined

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Risk of dust explosion.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid dusting near sources of ignition.

Avoid heat, open fire and other ignition sources.

Thermal decomposition:

No data available.

10.5. Incompatible Materials

Oxidizing agents and acids.

Halogenated compounds.

10.6. Hazardous Decomposition Products

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*None known.***10.7. Further Information****11. Toxicological Information****11.1. Information on Toxicological Effects***Acute Toxicity**LD50, oral:* > 2000 mg/kg (rat; OECD 423)*LD50, dermal:*
*No information available.**LC50, inhalation:* > 5.15 mg/l (4h; rat; OECD 403)*Primary effects**Irritant effect on skin:*
*Non irritating (human; OECD 431)**Irritant effect on eyes:*
*Non-irritating to eyes (rabbit; OECD 405)**Inhalation:*
*No information available.**Ingestion:*
*No information available**Sensitization:*
*No sensitizing effects observed (OECD 429)**Mutagenicity:*
*No mutagenic effects known.**Reproductive toxicity:*
*No negative effects known.**Carcinogenicity:*
*No relevant data found.**Teratogenicity:*
*No information available.**Specific target organ toxicity (STOT):*
Single exposure: no information available.
*Repeated exposure: insufficient information for a classification.**Additional toxicological information:*
Eye contact: dust particles can cause mechanical irritation.
*Inhalation: Repeated or prolonged inhalation of dust can cause a chronic irritation of the respiratory tract.***12. Ecological Information****12.1. Aquatic Toxicity***Fish toxicity:**LL50: > 100 mg/l (96h, Danio rerio; OECD 203)*
NOEC: 0.169 mg/l (30d, Salvelinus fontinalis)

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*Daphnia toxicity:**EC50: > 100 mg/l (48h, Daphnia magna; OECD 202)**NOEC: 0.16 mg/l (21d, Daphnia magna)**Bacteria toxicity:**NOEC: > 42.7 mg/l (14d, active sludge; OECD 301B)**Algae toxicity:**EC50: > 100 mg/l (72h, Pseudokirchneriella subcapitata; OECD 201)***12.2. Persistency and Degradability***81.2 % (28d; OECD 301B); readily biodegradable***12.3. Bioaccumulation***Bioconcentration factor (BCF): 0.207***12.4. Mobility***No information available.***12.5. Results of PBT- und vPvP Assessment***This substance is not classified as PBT (persistent, bioaccumulative, toxic), nor as vPvB (very persistent, very bioaccumulative).***12.6. Other Adverse Effects***Water hazard class:**1, slightly hazardous**Behaviour in sewage systems:**Further ecological effects:**Do not let product enter waterways or sewage system.**AOX Value:**No data available.*

13. Disposal Considerations**13.1. Waste Treatment Methods***Product:**Dispose of according to official national and local regulations.**European Waste Code (EWC):**Uncleaned packaging:**Contaminated packaging must be disposed like the substance.**Waste Code No.:*

14. Transport Information**14.1. UN Number***ADR, IMDG, IATA***14.2. UN Proper Shipping Name***ADR/RID:**No hazardous goods according to ADR / DOT (US) (land transportation).**IMDG/IATA:*

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*Not hazardous goods***14. 3. Transport Hazard Classes***ADR Class:**not applicable**Hazard no.:**Classification code:**Tunnel restriction code:**IMDG Class (sea):**not applicable**Hazard no.:**EmS No.:**IATA Class:**not applicable**Hazard no.:***14. 4. Packaging Group***ADR/RID:**not applicable**IMDG:**IATA:***14. 5. Environmental Hazards***None***14. 6. Special Precautions for User***Not classified as a dangerous good under transport regulations.***14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code***not applicable***14. 8. Further Information**

15. Regulatory Information**15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture***Water hazard class:**1, slightly hazardous for water (according to the German Regulation AwSV)**Local regulations on chemical accidents:**Seveso III Directive: not applicable under Directive 2012/18/EC.**Employment restrictions:**Restriction and prohibition of application:**EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable**Technical instructions on air quality:*

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15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

EC SVHC-List: This product does not contain a substance in the candidate list for substances of very high concern (REACH Regulation (EC) 1907/2006, Article 57)

15.3. Further Information

EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.