

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
LSK 050 ALU 9006 PA

Regulation (EU) n. 2020/878

Safety Data Sheet date: 20/9/2024, version 2**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: LSK 050 ALU 9006 PA
SDS code: 103350EU
UFI: JFP4-QUWC-0K9V-MEGE

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

Recommended use:

Industrial uses
Paint/Coating

1.3. Details of the supplier of the safety data sheet**Manufacturers:**

Socomore SASU - Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France
-Tel. +33 (0)2 97 43 76 90

Manufacturing - Parc Gohelis - 56250 ELVEN France - Tel +33 (0)2 97 43 76 83 - Fax +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

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Competent person responsible for the safety data sheet:

msdsinformation-eu@socomore.com

1.4. Emergency telephone number

France : ORFILA (INRS) +33 (0)1 45 42 59 59

International : CHEMTEL +1-813-248-0585.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****EC regulation criteria 1272/2008 (CLP)**

- ⚠ Warning, Flam. Liq. 3, Flammable liquid and vapour.
- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
- ⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.
- ⚠ Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.
- ⚠ Warning, Aquatic Acute 1, Very toxic to aquatic life.
- ⚠

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Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

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

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P370+P378 In case of fire: Use dry sand, chemical powder or alcohol-resistant foam for extinction.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

EUH208 Contains Fatty acids, C14-18 and C16-18-unsatd., maleated. May produce an allergic reaction.

Contains

maleic anhydride

reaction mass of ethylbenzene and xylene

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 3: Composition/information on ingredients**3.1. Substances**

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

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Qty	Name	Ident. Number	Classification
>= 15% - < 20%	reaction mass of ethylbenzene and xylene	CAS: 1330-20-7 EC: 905-588-0 REACH No.: 01-2119488216-32	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.9/2 STOT RE 2 H373 4.1/C3 Aquatic Chronic 3 H412 Acute Toxicity Estimate: ATE - Dermal 1100 mg/kg bw ATE - Inhalation (Vapours) 11 mg/l
>= 3% - < 5%	trizinc bis(orthophosphate)	Index number: 030-011-00-6 CAS: 7779-90-0 EC: 231-944-3	<ul style="list-style-type: none"> ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410
>= 3% - < 5%	ethylbenzene	Index number: 601-023-00-4 CAS: 100-41-4 EC: 202-849-4 REACH No.: 01-2119489370-35	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319 4.1/C3 Aquatic Chronic 3 H412 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.9/2 STOT RE 2 H373 (hearing organs) ⚠ 3.10/1 Asp. Tox. 1 H304 Acute Toxicity Estimate: ATE - Inhalation (Vapours) 11 mg/l
>= 1% - < 3%	Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified	CAS: 64742-95-6 EC: 918-668-5 REACH No.: 01-2119455851-35	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 4.1/C2 Aquatic Chronic 2 H411 EUH066
>= 1% - < 3%	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	CAS: 64742-48-9 EC: 918-481-9 REACH No.: 01-2119457273-39	<ul style="list-style-type: none"> ⚠ 3.10/1 Asp. Tox. 1 H304
>= 1% - < 3%	toluene	Index number: 601-021-00-3 CAS: 108-88-3	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.7/2 Repr. 2 H361d ⚠ 3.10/1 Asp. Tox. 1 H304

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		EC: 203-625-9 REACH No.: 01-2119471310-51	<ul style="list-style-type: none"> ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.8/3 STOT SE 3 H336 4.1/C3 Aquatic Chronic 3 H412
>= 0.3% - < 0.5%	Fatty acids, C14-18 and C16-18-unsatd., maleated	CAS: 85711-46-2 EC: 288-306-2 REACH No.: 01-2119976378-19	<ul style="list-style-type: none"> ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.4.2/1 Skin Sens. 1 H317
>= 0.1% - < 0.25%	Quartz	CAS: 14808-60-7 EC: 238-878-4 REACH No.: Exempted-----	Substance with a Union workplace exposure limit.
>= 0.001% - < 0.1%	Cumene	Index number: 601-024-00-X CAS: 98-82-8 EC: 202-704-5	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.6/1B Carc. 1B H350 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 4.1/C2 Aquatic Chronic 2 H411
>= 0.001% - < 0.1%	maleic anhydride	Index number: 607-096-00-9 CAS: 108-31-6 EC: 203-571-6	<ul style="list-style-type: none"> ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.9/1 STOT RE 1 H372 (Respiratory system) (Inhalation) ⚠ 3.2/1B Skin Corr. 1B H314 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.4.1/1 Resp. Sens. 1 H334 ⚠ 3.4.2/1A Skin Sens. 1A H317 <p>EUH071 Specific Concentration Limits: C >= 0,001%: Skin Sens. 1A H317 Acute Toxicity Estimate: ATE - Oral 1090 mg/kg bw</p>
>= 0.001% - < 0.1%	butanone; ethyl methyl ketone	Index number: 606-002-00-3 CAS: 78-93-3 EC: 201-159-0 REACH No.: 01-2119457290-43	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H336 <p>EUH066</p>

SECTION 4: First aid measures

4.1. Description of first aid measures

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In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO₂)

Dry powder

Foam.

Extinguishing media which must not be used for safety reasons:

High power water jet

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

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Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, ensure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

- OEL Type: National - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm -

Notes: France VLEC - TMP N° 4Bis, 84

- OEL Type: National - TWA(8h): 440 mg/m³, 100 ppm - Notes: Germany - DFG, H

- OEL Type: National - TWA(8h): 220 mg/m³, 50 ppm - STEL: 441 mg/m³, 100 ppm -

Notes: UK (WELs)

- OEL Type: EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes:

Skin

- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - URT and eye irr; hematologic eff; CNS impair

- OEL Type: National - TWA: 435 mg/m³, 100 ppm - STEL: 870 mg/m³, 200 ppm - Notes: Swiss - SUVA

- OEL Type: National - TWA: 221 mg/m³, 50 ppm - STEL(15min (Miw)): 442 mg/m³, 100

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ppm - Notes: Österreich

- OEL Type: National - TWA: 221 mg/m³, 50 ppm - Notes: TWA:Poland

trizinc bis(orthophosphate) - CAS: 7779-90-0

- OEL Type: EU - TWA: 10 mg/m³ - Notes: Inhalable dust

- OEL Type: National - TWA: 0.9 mg/m³ - Notes: France ; fraction alvéolaire (Article R4412-149 du Code du travail (réf. : INRS ED 984, 2016; Décret n° 2021-1763)

- OEL Type: National - TWA: 4 mg/m³ - Notes: France ; poussières totales Article R4412-149 du Code du travail (réf. : INRS ED 984, 2016; Décret n° 2021-1763)

- OEL Type: National - TWA: 1.25 mg/m³ - Notes: Germany ; fraction alvéolaire (TRGS900)

- OEL Type: National - TWA: 10 mg/m³ - Notes: Germany ; poussières totales (TRGS900)

- OEL Type: National - TWA(8h): 10 mg/m³ - Notes: UK ; inhalable dust

- OEL Type: National - TWA(8h): 4 mg/m³ - Notes: UK ; respirable dust

- OEL Type: National - TWA: 3 mg/m³ - Notes: Belgique ; particules respirables

- OEL Type: National - TWA: 10 mg/m³ - Notes: Belgique ; poussière inhalable

- OEL Type: National - TWA: 5 mg/m³ - STEL: 10 mg/m³ - Notes: Austria ; respirable dust

- OEL Type: National - TWA: 10 mg/m³ - STEL: 20 mg/m³ - Notes: Austria ; respirable dust

- OEL Type: National - TWA: 5 mg/m³ - STEL: 10 mg/m³ - Notes: Denmark ; respirable dust

- OEL Type: National - TWA: 10 mg/m³ - STEL: 20 mg/m³ - Notes: Denmark ; respirable dust

- OEL Type: National - TWA: 10 mg/m³ - Notes: Finland ; respirable dust

- OEL Type: National - TWA: 10 mg/m³ - Notes: Hungary ; inhalable dust

- OEL Type: National - TWA: 6 mg/m³ - Notes: Hungary ; respirable dust

- OEL Type: National - TWA: 10 mg/m³ - Notes: Ireland ; inhalable dust

- OEL Type: National - TWA: 4 mg/m³ - Notes: Ireland ; respirable dust

- OEL Type: National - TWA: 10 mg/m³ - Notes: Italy ; inhalable dust

- OEL Type: National - TWA: 3 mg/m³ - Notes: Italy ; respirable dust

- OEL Type: National - TWA(8h): 10 mg/m³ - Notes: Netherlands ; inhalable dust

- OEL Type: National - TWA(8h): 5 mg/m³ - Notes: Netherlands ; respirable dust

- OEL Type: National - TWA(8h): 10 mg/m³ - Notes: Poland ; inhalable dust

ethylbenzene - CAS: 100-41-4

- OEL Type: National - TWA(8h): 88.4 mg/m³, 20 ppm - Notes: Germany - EU, H

- OEL Type: National - TWA(8h): 88.4 mg/m³, 20 ppm - STEL: 442 mg/m³, 100 ppm - Notes: France VLEC - TMP N° 84

- OEL Type: National - TWA(8h): 441 mg/m³, 100 ppm - STEL: 552 mg/m³, 125 ppm - Notes: UK (WELs)

- OEL Type: EU - TWA(8h): 442 mg/m³, 100 ppm - STEL: 884 mg/m³, 200 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: OTO; A3, BEI - URT & eye irr; ototoxicity; kidney eff; CNS impair

- OEL Type: National - STEL: 220 mg/m³ - Notes: Swiss

- OEL Type: MAK - TWA: 440 mg/m³, 100 ppm - STEL(5 min (Mow)): 880 mg/m³, 200

ppm - Notes: Osterreich

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Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified - CAS: 64742-95-6

- OEL Type: National - TWA(8h): 150 mg/m³ - Behaviour: Indicative - Notes: France (vapeurs aromatiques)

toluene - CAS: 108-88-3

- OEL Type: National - TWA(8h): 190 mg/m³ - Notes: Germany - DFG, H, Y

- OEL Type: National - TWA(8h): 76.8 mg/m³, 20 ppm - STEL(15min (Miw)): 384 mg/m³, 100 ppm - Behaviour: Binding - Notes: France VLEC - TMP N° 4bis, 84 ; peau

- OEL Type: EU - TWA(8h): 192 mg/m³, 50 ppm - STEL: 384 mg/m³, 100 ppm - Notes: Skin

- OEL Type: National - TWA: 191 mg/m³, 50 ppm - STEL: 384 mg/m³, 100 ppm - Notes: UK (WELs)

- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: OTO; A4; BEI - CNS, visual & hearing impair; female repro system eff; pregnancy loss

- OEL Type: MAK - TWA: 190 mg/m³, 50 ppm - STEL(15min (Miw)): 380 mg/m³, 100 ppm - Notes: Osterreich

Quartz - CAS: 14808-60-7

- OEL Type: ACGIH - TWA(8h): 0.025 mg/m³ - Notes: (R), A2 - Pulm fibrosis, lung cancer

- OEL Type: National - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: France (fraction alvéolaire)

- OEL Type: National - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: France (fraction de poussière alvéolaire)

- OEL Type: EU - TWA: 0.1 mg/m³ - Notes: Directive (EU) No. 2017/2398 (respirable fraction)

- OEL Type: National - TWA: 0.05 mg/m³ - Notes: Spain

- OEL Type: National - TWA: 0.075 mg/m³ - Notes: Netherlands

- OEL Type: National - TWA: 0.05 mg/m³ - Notes: Finland

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Denmark

- OEL Type: National - TWA: 0.15 mg/m³ - Notes: Austria

- OEL Type: National - TWA: 0.15 mg/m³ - Notes: Switzerland

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Poland

- OEL Type: National - TWA: 0.1 mg/m³ - STEL: 0.3 mg/m³ - Notes: Norway

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Belgium

- OEL Type: National - TWA: 0.07 mg/m³ - Notes: Bulgaria

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Czech Republic

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Estonia

- OEL Type: National - TWA: 0.15 mg/m³ - Notes: Hungary [AK] (respirable)

- OEL Type: National - TWA: 0.1 mg/m³ - STEL: 0.2 mg/m³ - Notes: Iceland

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Lithuania (IPRD)

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Romania

- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Sweden

Cumene - CAS: 98-82-8

- OEL Type: EU - TWA(8h): 50 mg/m³, 10 ppm - STEL: 250 mg/m³, 50 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 5 ppm - Notes: A3 - URT adenoma, neurological eff

- OEL Type: National - TWA(8h): 50 mg/m³, 10 ppm - STEL(15min (Miw)): 250 mg/m³,

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- 50 ppm - Behaviour: Binding - Notes: France, VLEPC / peau
 - OEL Type: National - TWA: 50 mg/m³ - STEL: 250 mg/m³ - Notes: Poland (Skin / skóra)
- maleic anhydride - CAS: 108-31-6
 - OEL Type: ACGIH - TWA(8h): 0.01 mg/m³ - Notes: (IFV), DSEN, RSEN, A4 - Resp sens
 - OEL Type: National - STEL: 1 mg/m³ - Notes: France - VLCT (VLE) INRS
- butanone; ethyl methyl ketone - CAS: 78-93-3
 - OEL Type: National - TWA: 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm - Notes: France VLEC
 - OEL Type: EU - TWA(8h): 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm
 - OEL Type: ACGIH - TWA(8h): 200 ppm - STEL: 300 ppm - Notes: BEI - URT irr, CNS and PNS impair
 - OEL Type: National - TWA: 600 mg/m³, 200 ppm - Notes: AGW, Germany
 - OEL Type: MAK - TWA: 295 mg/m³, 100 ppm - STEL(30min (Miw)): 590 mg/m³, 200 ppm - Notes: Österreich
 - OEL Type: National - TWA: 450 mg/m³ - STEL: 900 mg/m³ - Notes: Poland (Dz.U. 2018 pos. 1286)

DNEL Exposure Limit Values

- reaction mass of ethylbenzene and xylene - CAS: 1330-20-7
 Worker Industry: 77 mg/m³ - Consumer: 14.8 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Worker Industry: 289 mg/m³ - Consumer: 174 mg/kg b.w./day - Exposure: Human Inhalation - Frequency: Short Term, local effects
 Worker Industry: 289 mg/m³ - Consumer: 174 mg/kg b.w./day - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
 Worker Industry: 180 mg/kg b.w./day - Consumer: 108 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Consumer: 1.6 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects
- trizinc bis(orthophosphate) - CAS: 7779-90-0
 Worker Industry: 83 mg/kg b.w./day - Consumer: 83 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Worker Industry: 5 mg/m³ - Consumer: 2.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Consumer: 0.83 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects
- ethylbenzene - CAS: 100-41-4
 Worker Industry: 77 mg/m³ - Consumer: 15 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
 Worker Industry: 180 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Worker Industry: 293 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
- Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified - CAS: 64742-95-6

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Worker Industry: 25 mg/kg b.w./day - Consumer: 11 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 100 mg/m³ - Consumer: 32 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 11 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha - CAS: 64742-48-9

Worker Industry: 300 mg/kg - Worker Professional: 300 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 300 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Professional: 900 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

toluene - CAS: 108-88-3

Worker Professional: 384 mg/m³ - Consumer: 226 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 192 mg/m³ - Consumer: 56.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 180 mg/kg - Consumer: 226 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 8.13 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Professional: 384 mg/m³ - Consumer: 226 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

maleic anhydride - CAS: 108-31-6

Worker Industry: 0.081 mg/m³ - Consumer: 50 µg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 0.2 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 81 µg/m³ - Consumer: 80 µg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 200 µg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 200 µg/kg bw/day - Consumer: 100 µg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 200 µg/kg bw/day - Consumer: 100 µg/kg bw/day - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Consumer: 60 µg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 100 µg/kg bw/day - Exposure: Human Oral - Frequency: Short Term, systemic effects

butanone; ethyl methyl ketone - CAS: 78-93-3

Worker Industry: 1161 mg/kg - Consumer: 412 mg/kg - Exposure: Human Dermal - Frequency: Short Term (acute) - Notes: 1 day

Worker Industry: 600 mg/m³ - Consumer: 106 mg/m³ - Exposure: Human Inhalation -

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Frequency: Short Term (acute)

Consumer: 31 mg/kg - Exposure: Human Oral - Frequency: Short Term (acute)

PNEC Exposure Limit Values

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Target: Fresh Water - Value: 0.327 mg/l

Target: Water (intermittent discharge) - Value: 0.327 mg/l

Target: Marine water - Value: 0.327 mg/l

Target: Sewage treatment plant - Value: 6.58 mg/l

Target: Freshwater sediments - Value: 12.46 mg/kg

Target: Marine water sediments - Value: 12.46 mg/kg

Target: Soil - Value: 2.31 mg/kg

trizinc bis(orthophosphate) - CAS: 7779-90-0

Target: Fresh Water - Value: 0.0206 mg/l

Target: Marine water - Value: 0.0061 mg/l

Target: Freshwater sediments - Value: 117.8 mg/kg dwt

Target: Marine water sediments - Value: 56.5 mg/kg dwt

Target: Soil - Value: 35.6 mg/kg dwt

Target: Sewage treatment plant - Value: 0.052 mg/l

ethylbenzene - CAS: 100-41-4

Target: Marine water - Value: 0.01 mg/l - Notes:: factor assessment : 10

Target: Marine water - Value: 0.1 mg/l - Notes:: factor assessment : 18

Target: PNEC predator - Value: 2.68 mg/kg - Notes:: ECHA

toluene - CAS: 108-88-3

Target: Fresh Water - Value: 0.68 mg/l

Target: Freshwater sediments - Value: 16.39 mg/kg

Target: Soil (agricultural) - Value: 2.89 mg/kg

Target: Microorganisms in sewage treatments - Value: 13.61 mg/l

butanone; ethyl methyl ketone - CAS: 78-93-3

Target: Fresh Water - Value: 55.8 mg/l

Target: Marine water - Value: 55.8 mg/l

Target: Freshwater sediments - Value: 284.74 mg/kg

Target: Marine water sediments - Value: 287.7 mg/kg

Target: Soil (agricultural) - Value: 22.5 mg/kg

Biological Exposure Index

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Remark: ACGIH BEL (2009)

Remark: FR IBE (1997)

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

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Respiratory protection:
Not needed for normal use.

Thermal Hazards:
None

Environmental exposure controls:
None

Appropriate engineering controls:
None

Other conditions affecting workers exposure:
None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Aluminium	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	> 36 °C	--	--
Flammability:	Flam. Liq. 3, H226	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point (°C):	~ 23 °C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	Not Relevant	--	--
pH:	Not Relevant	--	--
Kinematic viscosity:	> 20,5 mm ² /sec (40 °C)	--	--
Solubility in water:	immiscible	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	< 1.000 hPa	--	--

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LSK 050 ALU 9006 PA

	(50 °C)		
Density and/or relative density:	~ 1.32 g/cm ³ (23 °C)	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

No other relevant information

Volatile Organic compounds - VOCs = 22.55 %

Volatile Organic compounds - VOCs = 297.66 g/l

N.A. = not available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

LSK 050 ALU 9006 PA

Acute toxicity

Not classified

Based on available data, the classification criteria are not met

ATEmix - Dermal 6726,83 mg/kg bw

ATEmix - Inhalation (Vapours) 55,8258 mg/l

Skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

Serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

Respiratory or skin sensitisation

The product is classified: Skin Sens. 1 H317

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
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Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

STOT-repeated exposure

The product is classified: STOT RE 2 H373

Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Acute toxicity

ATE - Dermal 1100 mg/kg bw

ATE - Inhalation (Vapours) 11 mg/l

Test: LD50 - Route: Skin = 1100 mg/kg

Test: LC50 - Route: Inhalation Vapour = 11 mg/l

Carcinogenicity:

Test: NOAEL - Route: Oral - Species: Rat > 500 mg/kg bw/day

Reproductive toxicity:

Test: NOAEC - Route: Inhalation - Species: Rat = 500 ppm - Notes: fertilité/fertility

Test: NOAEC - Route: Inhalation - Species: Rat = 100 ppm - Notes:
développement/development

Aspiration hazard:

= 0.812 cP - Notes: @20°C

trizinc bis(orthophosphate) - CAS: 7779-90-0

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg bw

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation (dust, mist) - Species: Rat = 5.7 mg/l - Duration: 4h

ethylbenzene - CAS: 100-41-4

Acute toxicity

ATE - Inhalation (Vapours) 11 mg/l

Test: LD50 - Route: Skin - Species: Rabbit = 4100 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 3500 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 20 mg/l - Duration: 4h

Test: LCL0 - Route: Inhalation - Species: Rat = 4000 ppm - Duration: 4h

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified - CAS:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
LSK 050 ALU 9006 PA

64742-95-6

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3492 mg/kg

Test: LD50 - Route: Skin - Species: mouse (Male, female) > 2000 mg/kg - Source: OECD 402

Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg - Source: OECD 402

Test: LC50 - Route: Inhalation - Species: Rat (Male, female) > 2 mg/l - Duration: 4h - Source: OECD 403

Test: LC50 - Route: Inhalation - Species: Rat (Male, female) <= 10 mg/l - Duration: 4h - Source: OECD 403

Test: LC50 - Route: Inhalation - Species: Rat = 6193 mg/m³ - Duration: 4h - Source: OECD 403

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha - CAS: 64742-48-9

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

toluene - CAS: 108-88-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5580 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat = 28.1 mg/l - Duration: 4h

Fatty acids, C14-18 and C16-18-unsatd., maleated - CAS: 85711-46-2

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat (female) > 2000 mg/kg - Source: OECD 423

Reproductive toxicity:

Test: NOAEL (fertility) - Route: Oral - Species: Rat (Male, female) = 1000 mg/kg - Source: OECD 422

STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 1000 mg/kg - Source: OECD 422

Quartz - CAS: 14808-60-7

Acute toxicity:

Test: LC50 - Route: Oral = 500 mg/kg

maleic anhydride - CAS: 108-31-6

Acute toxicity

ATE - Oral 1090 mg/kg bw

butanone; ethyl methyl ketone - CAS: 78-93-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation > 5000 ppm

11.2. Information on other hazards

Endocrine disrupting properties:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
LSK 050 ALU 9006 PA

No endocrine disruptor substances present in concentration $\geq 0.1\%$

Other toxicological information:

reaction mass of ethylbenzene and xylene

Skin contact:

Irritating effect

Ingestion:

Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.

Harmful by inhalation.

-

toluene

Skin contact:

Irritating effect

Eye contact:

Irritating effect

Inhalation of high concentration of vapours may cause irritation of the respiratory system.

Inhalation of high concentration vapours causes a narcotic reaction on the central nervous system, and severe lung damage.

Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.

Risk of central nervous system depression.

-

butanone; ethyl methyl ketone

Skin corrosion / irritation (rabbit):

Slight irritating effect

Severe eye injury/irritation (rabbit):

Highly irritating

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

Adopt good working practices, so that the product is not released into the environment.

LSK 050 ALU 9006 PA

The product is classified: Aquatic Acute 1 - H400; Aquatic Chronic 2 - H411

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: IC50 - Species: Aquatic invertebrates = 1 mg/kg/d - Duration h: 24 - Notes: Daphnia magna

Endpoint: EC50 - Species: Aquatic plants = 2.2 mg/l - Duration h: 73 - Notes: Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: activated sludge = 157 mg/l - Duration h: 3

Endpoint: NOEC - Species: Fish > 1.3 mg/l - Duration h: 1344 - Notes: Oncorhynchus mykiss

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Endpoint: NOAEL - Species: Aquatic invertebrates = 1.17 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

trizinc bis(orthophosphate) - CAS: 7779-90-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 0.140 mg/l

Endpoint: EC50 - Species: Daphnia = 0.04 mg/l

Endpoint: EC50 - Species: Algae = 0.136 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 0.215 mg Zn/l - Duration h: 96 - Notes: pH 6 ; Cottus bairdii

Endpoint: LC50 - Species: Fish = 0.435 mg Zn/l - Duration h: 96 - Notes: pH 8 ; Cottus bairdii

Endpoint: EC50 - Species: Crustacea = 0.154 mg Zn/l - Duration h: 48 - Notes: pH 6 ; daphnia magna

Endpoint: EC50 - Species: Crustacea = 0.095 mg Zn/l - Duration h: 48 - Notes: pH 8 ; daphnia magna

Endpoint: EC50 - Species: Algae = 0.308 mg Zn/l - Duration h: 72 - Notes: pH 6 ; Selenastrum capricornutum

Endpoint: EC50 - Species: Algae = 0.041 mg Zn/l - Duration h: 72 - Notes: pH 8 ; Selenastrum capricornutum

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 0.06 mg/l

Endpoint: NOEC - Species: Algae = 0.055 mg/l - Notes: Selenastrum capricornutum

ethylbenzene - CAS: 100-41-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 1.37 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia < 4.4 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 4.2 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 1 mg/l

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified - CAS: 64742-95-6

a) Aquatic acute toxicity:

Endpoint: EL50

- Species: Algae = 2.6 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

Endpoint: EL50

- Species: Daphnia Magna = 3.2 mg/l - Duration h: 48 - Notes: OECD 202

Endpoint: LC50 - Species: Fish = 9.2 mg/l - Duration h: 96 - Notes: OECD 203, Oncorhynchus mykiss

Endpoint: EC50 - Species: Aquatic plants = 2.6 mg/l - Duration h: 72 - Notes: OECD 201, Pseudokirchneriella subcapitata

Endpoint: ErL50 - Species: Algae = 2.9 mg/l - Duration h: 72 - Notes: OECD 201, Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: Microorganisms >= 99 mg/l - Duration h: 0.16 - Notes: OECD 209 - Activated sludge

b) Aquatic chronic toxicity:

Endpoint: NOAEL - Species: Daphnia = 2.14 mg/l - Duration h: 504

Endpoint: NOAEL - Species: Fish = 1.23 mg/l - Duration h: 672 - Notes: Oncorhynchus mykiss

Endpoint: NOEC - Species: Fish > 1 mg/l

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

LSK 050 ALU 9006 PA

toluene - CAS: 108-88-3

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 134 mg/l - Duration h: 3 - Notes: Chlorella vulgaris

Endpoint: EC50 - Species: Daphnia = 3.78 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 5.5 mg/l - Duration h: 96 - Notes: Oncorhynchus kisutch

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 0.74 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: NOEC - Species: Algae = 10 mg/l - Duration h: 72 - Notes: Skeletonema costatum

Endpoint: EC50 - Species: Daphnia = 3.23 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: LOEC

- Species: Daphnia = 2.76 mg/kg/d - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: NOEC - Species: Fish = 1.39 mg/l - Duration h: 960 - Notes: Oncorhynchus kisutch

Endpoint: LOEC

- Species: Fish = 2.77 mg/l - Duration h: 960 - Notes: Oncorhynchus kisutch

c) Bacteria toxicity:

Endpoint: NOEC - Species: bacteria = 29 mg/l - Duration h: 16 - Notes: pseudomonas putida

Fatty acids, C14-18 and C16-18-unsatd., maleated - CAS: 85711-46-2

a) Aquatic acute toxicity:

Endpoint: LL50

- Species: Fish > 150 mg/l - Duration h: 48 - Notes: DIN 38412 (Leuciscus idus(Ide))

Endpoint: EL50

- Species: Daphnia Magna > 100 mg/l - Duration h: 48 - Notes: OECD 402

Endpoint: ErL50 - Species: Algae = 100 mg/l - Duration h: 72 - Notes: OECD 201

(Pseudokirchneriella subcapitata)

Endpoint: EC50 - Species: bacteria > 1000 mg/l - Duration h: 3 - Notes: OECD 209

butanone; ethyl methyl ketone - CAS: 78-93-3

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 13 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 168 - Notes: Desmodesmus subspicatus

12.2. Persistence and degradability

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified - CAS: 64742-95-6

Biodegradability: Biodegradation in water - Test: OECD 301F - Duration: 28 days - %: 78%

toluene - CAS: 108-88-3

Biodegradability: Readily biodegradable - Duration: 14 days - %: 100

Fatty acids, C14-18 and C16-18-unsatd., maleated - CAS: 85711-46-2

Biodegradability: Non-readily biodegradable

butanone; ethyl methyl ketone - CAS: 78-93-3

Biodegradability: Readily biodegradable - Duration: 28 days - %: 98 - Notes: aerobic

12.3. Bioaccumulative potential

ethylbenzene - CAS: 100-41-4

Log Kow 3.15

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified - CAS: 64742-95-6

Log Pow 3.7 – 4.2

toluene - CAS: 108-88-3

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BCF 90

Log Pow 2.65

butanone; ethyl methyl ketone - CAS: 78-93-3

Log Pow 0.3

Log Kow 0.3

12.4. Mobility in soil

reaction mass of ethylbenzene and xylene - CAS: 1330-20-7

Log Koc 2.73 - Notes: @20-25°C

Volatility (H: Henry's Law Constant) 623-665 Pa m³/mol - Notes: @25°C

Surface tension 29.76 mN/m - Notes: @25°C

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

08 01 11* wastes of paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information



14.1. UN number or ID number

ADR-UN Number: 1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

14.2. UN proper shipping name

ADR-Shipping Name: PAINT

IATA-Shipping Name: PAINT

IMDG-Shipping Name: PAINT

14.3. Transport hazard class(es)

ADR-Class: 3

ADR - Hazard identification number: 30

IATA-Class: 3

IATA-Label: 3

IMDG-Class: 3

14.4. Packing group

ADR-Packing Group: III

IATA-Packing group: III

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IMDG-Packing group: III

14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

IMDG-EmS: F-E , S-E

14.6. Special precautions for user

ADR-Subsidiary hazards: -

ADR-S.P.: 163 367 650

ADR-Transport category (Tunnel restriction code): 3 (D/E)

IATA-Passenger Aircraft: 355

IATA-Subsidiary hazards: -

IATA-Cargo Aircraft: 366

IATA-S.P.: A3 A72 A192

IATA-ERG: 3L

IMDG-Subsidiary hazards: -

IMDG-Stowage and handling: Category A

IMDG-Segregation: -

Q.L.: 5L

Q.E.: E1

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Regulation (EU) n. 2021/849 (ATP 17 CLP)

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH)) LSK 050 ALU 9006 PA

Regulation (EU) n. 2022/692 (ATP 18 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 48

Restriction 70

Restriction 75

Listed or in compliance with the following international inventories:

Labelling of detergents (EC Regulations 648/2004 and 907/2006):

N.A.

Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

N.A.

N.A.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive)

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c, E1, E2

15.2. Chemical safety assessment

No

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

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H304 May be fatal if swallowed and enters airways.
 H312 Harmful in contact with skin.
 H332 Harmful if inhaled.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H412 Harmful to aquatic life with long lasting effects.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H225 Highly flammable liquid and vapour.
 H373 (hearing organs) May cause damage to organs (hearing organs) through prolonged or repeated exposure.
 H336 May cause drowsiness or dizziness.
 H411 Toxic to aquatic life with long lasting effects.
 EUH066 Repeated exposure may cause skin dryness or cracking.
 H361d Suspected of damaging the unborn child.
 H317 May cause an allergic skin reaction.
 H350 May cause cancer.
 H302 Harmful if swallowed.
 H372 (Respiratory system) (Inhalation) Causes damage to organs (Respiratory system) through prolonged or repeated exposure if inhaled.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 EUH071 Corrosive to the respiratory tract.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1

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Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Resp. Sens. 1	3.4.1/1	Respiratory Sensitisation, Category 1
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
Carc. 1B	3.6/1B	Carcinogenicity, Category 1B
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 1	3.9/1	Specific target organ toxicity - repeated exposure, Category 1
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878. (EC) 1272/2008 [CLP] Yönetmeliğine göre karışımların sınıflandırmasını elde etmek için kullanılan sınıflandırma ve prosedür:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 3, H226	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
STOT RE 2, H373	Calculation method
Aquatic Acute 1, H400	Calculation method
Aquatic Chronic 2, H411	Calculation method

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

LSK 050 ALU 9006 PA

Due to the integration of the Mader Aero products range into the Socomore Group, all Safety Data Sheets have been re-evaluated on the basis of consolidated information. This may have led to significant changes in our Safety Data Sheets. If you have any questions regarding these changes, you can contact us at the address indicated in section 1.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

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SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

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ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.