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

# **STAPA MOBILUX 181 Aluminium Paste**

Version 1.0	Revision Date 13.10.2022	Print Date 14.10.2022

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name	:	STAPA MOBILUX 181 Aluminium Paste
Material number	:	057409G60M1

#### 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)

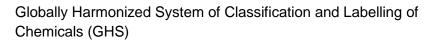
## **SECTION 2: Hazards identification**

#### **GHS Classification**

: Long-term (chronic) aquatic hazard, Category 3, H412

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#### **GHS-Labelling**

Hazard statements	:	H412: Harmful to aquatic life with long lasting effects.
Precautionary statements	:	Prevention:P273Avoid release to the environment.Disposal:P501Dispose of contents/ container to an approved waste disposal plant.

## Hazardous components which must be listed on the label

:

#### Other hazards which do not result in classification

**Combustible Solids** 

## **SECTION 3: Composition/information on ingredients**

Substance No.

## Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification labelling	and	Concentration[%]
aluminium powder (stabilised)	7429-90-5 231-072-3	Flam. Sol.;1;	H228	50 - 100
Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha	64742-48-9 918-481-9	Flam. Liq.;4;I Asp. Tox.;1;I		25 - 50
Solvent naphtha (petroleum), light arom.	64742-95-6 918-668-5	Flam. Liq.;3;1 Acute Tox.;5 Acute Tox.;5 STOT SE;3;1 H336 Asp. Tox.;1;1	;H303 ;H313 1335,	2,5 - 10
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Aquatic Chronic;2;H411

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.	
If inhaled	Remove to fresh air. If unconscious, place in recovery position and seek r advice. If symptoms persist, call a physician.	nedical
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 per If symptoms persist, call a physician.	rson.

## 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.

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## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media	: Dry sand, Special powder against metal fire
Unsuitable extinguishing media	: Water, Foam, ABC powder, Carbon dioxide (CO2)

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

Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	Use personal protective equipment.
		Wear self-contained breathing apparatus for firefighting if necessary.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. 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	l precautions	Evacuate personnel to safe areas. Use personal protective equipment. Remove all sources of ignition. Avoid dust formation.

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### **6.2 Environmental precautions**

Environmental precautions	:	Prevent product from entering drains.
		If the product contaminates rivers and lakes or drains inform
		respective authorities.

#### 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).
	Pick up and arrange disposal without creating dust. Sweep up and shovel. 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	:	Keep away from heat and sources of ignition. Avoid dust formation. Ensure adequate ventilation.		
		For personal protection see sec drinking should be prohibited in	<b>3</b>	
Advice on protection against fire and explosion	:	: Keep away from open flames, hot surfaces and sources of ignition. Earthing of containers and apparatuses is essential.		
		Provide appropriate exhaust ve is formed.	ntilation at places where dust	
Hygiene measures	:	General industrial hygiene practice.		
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## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Keep away from sources of ignition - No smoking.
		Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.
Further information on storage conditions	:	Protect from humidity and water. Do not allow to dry.
Advice on common storage	:	Do not store together with oxidizing and self-igniting products. Never allow product to get in contact with water during storage. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
		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	
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aluminium powder (stabilised)	7429-90-5	AGW (Inhalable fraction)	10 mg/m3	2014-04-02	DE TRGS 900			
Peak-limit: exc factor (categor		2;(II)	2;(II)					
aluminium powder (stabilised)	7429-90-5	AGW (Alveolate fraction)	1,25 mg/m3	2014-04-02	DE TRGS 900			
Peak-limit: exc factor (categor		2;(II)						
Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha	64742-48- 9	AGW	300 mg/m3	2017-11-30	DE TRGS 900			
Peak-limit: excursion factor (category)		2;(II)						
Further information			limit for hydrocarbo ssion for dangerous )		also No. 2.9			
Solvent naphtha (petroleum), light arom.	64742-95- 6	AGW	100 mg/m3	2009-02-16	DE TRGS 900			
Peak-limit: exc factor (categor		2;(II)						
Further informa	ation		limit for hydrocarbo ssion for dangerous )		also No. 2.9			

## 8.2 Exposure controls

# Personal protective equipment

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Eye protection	:	Safety glasses	
Hand protection			
Material	:	Solvent-resistant gloves	
Remarks	:	<ul> <li>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). The exact break through time can be obtained from the protective glove producer and this has to be observed.</li> <li>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.</li> </ul>	
		Recommended preventive skin protection Skin should be washed after contact.	
		The suitability for a specific wor with the producers of the protect	kplace should be discussed
Skin and body protection	:	: Long sleeved clothing	
		Safety shoes	
		Choose body protection according to the amount and concentration of the dangerous substance at the work place.	
	:	Protective suit	
Respiratory protection	:	: Use suitable breathing protection if workplace concentration requires.	
	:	No personal respiratory protecti required.	ive equipment normally
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Environmental expos General advice	ure controls
	: Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.
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	: Pasty solid
Colour	: silver
Odour	: characteristic
pH	: substance/mixture is non-soluble (in water)
Freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: No data available
Bulk density	: No data available
Flammability (solid, gas)	: Combustible Solids
Auto-flammability	: not auto-flammable
Upper explosion limit	: No data available

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Lower explosion limit	: No data available
Vapour pressure	: No data available
Density	: 1,3 - 2,0 g/cm3
Solubility(ies)	
Water solubility	: insoluble
Miscibility with water	: immiscible
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
Explosive properties	: Not explosive Not explosive

## 9.2 Other information

Molecular weight Page 10 / 19	: No data available	A member of <b>C ALTANA</b>
Sublimation point	: No data available	
Conductivity	: No data available	
Surface tension	: No data available	
Impact sensitivity	: No data available	
Heat of combustion	: No data available	
Self-heating substances	: No data available	
Self-Accelerating decomposition temperatu (SADT)	: No data available re	





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## **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.

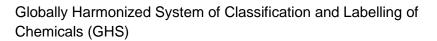
#### 10.3 Possibility of hazardous reactions

Hazardous reactions :	Reacts with alkalis, acids, halogenes and oxidizing agents. Contact with acids and alkalis may release hydrogen. Mixture reacts slowly with water resulting in evolution of hydrogen. Vapour/air-mixtures are explosive at intense warming. Stable under recommended storage conditions.
10.4 Conditions to avoid	
Conditions to avoid :	Do not allow to dry.
	No data available
10.5 Incompatible materials	
Materials to avoid :	Acids Bases Oxidizing agents Highly halogenated compounds

#### **10.6 Hazardous decomposition products**

Hazardous decomposition	: No data available
products	

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Other information	: No data available	
SECTION 11: Toxicological i	nformation	
11.1 Information on toxicologic	al effects	
Acute toxicity		
Components:		
Naphtha (petroleum), hydr Acute oral toxicity	otreated heavy; Low boiling point ydroge : LD50 Rat: >5 000 mg/kg	en treated naphtha :
Acute inhalation toxicity	: LC50 Rat: Test atmosphere: vapour	
	An LC50/inhalation/4h/rat could not be no mortality of rats was observed at th concentration.	
Acute dermal toxicity	: LD50 Rabbit: > 5 000 mg/kg	
Solvent naphtha (petroleur Acute oral toxicity	<b>n), light arom. :</b> : LD50 Rat: 3 492 mg/kg	
Acute dermal toxicity	: LD50 Rabbit: > 3 160 mg/kg	
Skin corrosion/irritation No data available		

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#### Serious eye damage/eye irritation

No data available

#### Respiratory or skin sensitisation

No data available

#### Carcinogenicity

No data available

#### Toxicity to reproduction/fertility

No data available

## Reprod.Tox./Development/Teratogenicity

No data available

#### STOT - single exposure

No data available

## **STOT - repeated exposure**

No data available

#### Aspiration toxicity

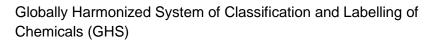
No data available

#### **Further information**

## Product

No data available

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## **SECTION 12: Ecological information**

#### 12.1 Toxicity

<u>Components:</u> Solvent naphtha (petroleum), light arom. (64742-95-6) : Ecotoxicology Assessment

Long-term (chronic) aquatic : 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

No data available

#### 12.5 Results of PBT and vPvB assessment

No data available

#### 12.6 Other adverse effects

#### Product:

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

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## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product

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

## **SECTION 14: Transport information**

#### 14.1 UN number

#### ADR

Not dangerous goods

#### TDG

Not dangerous goods

#### CFR

Not dangerous goods

#### IMDG

Not dangerous goods

#### ΙΑΤΑ

Not dangerous goods

## 14.2 Proper shipping name

#### ADR

Not dangerous goods

## TDG

Not dangerous goods

## CFR

Not dangerous goods

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# IMDG

Not dangerous goods IATA Not dangerous goods

## 14.3 Transport hazard class

#### ADR

Not dangerous goods

## TDG

Not dangerous goods

#### CFR

Not dangerous goods

#### IMDG

Not dangerous goods

#### ΙΑΤΑ

Not dangerous goods

#### 14.4 Packing group

## ADR

Not dangerous goods

## TDG

Not dangerous goods

## CFR

Not dangerous goods

# IMDG

Not dangerous goods

## ΙΑΤΑ

Not dangerous goods

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### 14.5 Environmental hazards

#### 14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

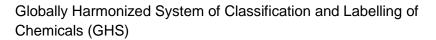
### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

## **SECTION 15: Regulatory information**

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

<b>Prohibition/Restriction</b> REACH - Candidate List of Su Concern for Authorisation (Art	, ,	: Nc	t applicable
<b>Prohibition/Restriction</b> REACH - List of substances s (Annex XIV)	ubject to authorisation	: Nc	t applicable
<b>Prohibition/Restriction</b> Regulation (EC) No 1005/2009 deplete the ozone layer	9 on substances that	: Nc	t applicable
<b>Prohibition/Restriction</b> Regulation (EU) 2019/1021 on persistent organic pollutants (recast)		: Nc	t applicable
<b>Prohibition/Restriction</b> REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)		(al	nned and/or restricted uminium powder (stabilised)) aphtha (petroleum), hydrotreated
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heavy; Low boiling point ydrogen treated naphtha) (Solvent naphtha (petroleum), light arom.)

#### 15.2 Chemical safety assessment

No data available

## **SECTION 16: Other information**

Full text of H-Statements	
H226	: Flammable liquid and vapour.
H227	: Combustible liquid.
H228	: Flammable solid.
H303	: May be harmful if swallowed.
H304	: May be fatal if swallowed and enters airways.
H313	: May be harmful in contact with skin.
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.
H411	: Toxic to aquatic life with long lasting effects.
H412	: Harmful 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.

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