

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

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

1.1 Product identifier

Trade name : STAPA ALLUMINATE 3162 Aluminum Paste
Material number : 052783G60M1

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 :

Telephone :
Telefax :
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

: Skin corrosion/irritation, Category 2, H315
Specific target organ toxicity - single exposure, Category 3,
Central nervous system, H336

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

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

GHS-Labelling

Symbol(s)

:



Signal word

:

Warning

Hazard statements

:

H315: Causes skin irritation.
 H336: May cause drowsiness or dizziness.
 H412: Harmful to aquatic life with long lasting effects.

Precautionary statements

:

Prevention:
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves.
Response:
 P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Storage:
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
Disposal:
 P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label

Identification	CAS-No.
Distillates (petroleum), hydrotreated light	64742-47-8
Solvent naphtha (petroleum), light arom.	64742-95-6

Other hazards which do not result in classification

Combustible Solids

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

SECTION 3: Composition/information on ingredients

Substance name : 052783B - USA Rollout

Substance No. :

Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
aluminium powder (stabilised)	7429-90-5 231-072-3	Flam. Sol.;1;H228	50 - 100
Distillates (petroleum), hydro-treated light; Kerosine — unspecified	64742-47-8 265-149-8	Flam. Liq.;4;H227 ;2;H315 STOT SE;3;H336 Asp. Tox.;1;H304 Aquatic Acute;3;H402 Aquatic Chronic;3;H412	10 - 20
Solvent naphtha (petroleum), light arom.	64742-95-6	Flam. Liq.;3;H226 Acute Tox.;5;H303 Acute Tox.;5;H313 STOT SE;3;H335, H336 Asp. Tox.;1;H304 Aquatic Chronic;2;H411	2,5 - 10
1,2,4-trimethylbenzene	95-63-6 202-436-9	Flam. Liq.;3;H226 Skin Irrit.;2;H315 Eye Irrit.;2A;H319 Acute Tox.;4;H332 STOT SE;3;H335	1 - 2,5

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

		Aquatic Chronic;2;H411	
Fatty acids, C14-18 and C16-18-unsatd.	67701-06-8 266-930-6	Acute Tox.;5;H313	1 - 10

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 out of dangerous area.
Show this safety data sheet to the doctor in attendance.
- Move the victim to fresh air.
Do not leave the victim unattended.
- If inhaled : Consult a physician after significant exposure.
If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.
- Wash off immediately with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- Immediately flush eye(s) with plenty of water.
- If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

This information is not available.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media : Dry sand, 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 : Wear self-contained breathing apparatus for firefighting if necessary.

Use personal protective equipment.

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.

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment.
Avoid dust formation.
Avoid breathing dust.
Evacuate personnel to safe areas.
Use personal protective equipment.
Remove all sources of ignition.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
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 : Do not flush with water.
Keep in suitable, closed containers for disposal.

Use mechanical handling equipment.
Soak up with inert absorbent material (e.g. sand, silica gel,
acid binder, universal binder, sawdust).

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 : Avoid formation of respirable particles. Do not breathe
vapours/dust. Avoid exposure - obtain special instructions

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

Keep away from heat and sources of ignition. Avoid dust formation. Ensure adequate ventilation.

Advice on protection against fire and explosion : Avoid dust formation.

Keep away from open flames, hot surfaces and sources of ignition. Earthing of containers and apparatuses is essential.

Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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.

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.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

This information is not available.

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

SECTION 8: Exposure controls/personal protection
8.1 Control parameters
Germany:

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium powder (stabilised)	7429-90-5	AGW (Inhalable fraction)	10 mg/m ³	2014-04-02	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
Further information		Commission for dangerous substancesSenate commission for the review of compounds at the work place dangerous for the health (MAK-commission).			
aluminium powder (stabilised)	7429-90-5	AGW (Alveolate fraction)	1,25 mg/m ³	2014-04-02	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
Further information		Commission for dangerous substancesSenate commission for the review of compounds at the work place dangerous for the health (MAK-commission).			
Distillates (petroleum), hydro-treated light; Kerosine — unspecified	64742-47-8	AGW	300 mg/m ³	2017-11-30	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
Further information		Group exposure limit for hydrocarbon solvent mixturesCommission for dangerous substancesSee also No. 2.9 of the TRGS 900			

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

Solvent naphtha (petroleum), light arom.	64742-95-6	AGW	100 mg/m ³	2009-02-16	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
Further information		Group exposure limit for hydrocarbon solvent mixtures Commission for dangerous substances See also No. 2.9 of the TRGS 900			
1,2,4-trimethylbenzene	95-63-6	TWA	20 ppm 100 mg/m ³	2000-06-16	2000/39/EC
Further information		Indicative			
1,2,4-trimethylbenzene	95-63-6	AGW	20 ppm 100 mg/m ³	2006-01-01	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
Further information		Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission). European Union (The EU has established a limit value: deviations in value and peak limit are possible) When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
1,2,4-trimethylbenzene	95-63-6	AGW	50 mg/m ³	2017-11-30	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
Further information		Group exposure limit for hydrocarbon solvent mixtures Commission for dangerous substances See also No. 2.9 of the TRGS 900			

United States of America (USA):

Components	CAS-No.	Value type (Form of)	Control parameters	Update	Basis
------------	---------	----------------------	--------------------	--------	-------

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

		exposure)			
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	50 Million particles per cubic foot	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable)	5 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	15 mg/m3	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (total)	10 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	5 mg/m3	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	15 Million particles per cubic foot	2012-07-01	
aluminium powder (stabilised)	7429-90-5	PEL (Total dust)	10 mg/m3	2014-11-26	
aluminium powder (stabilised)	7429-90-5	PEL (respirable dust fraction)	5 mg/m3	2014-11-26	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable fraction)	1 mg/m3	2008-01-01	
aluminium powder (stabilised)	7429-90-5	TWA	5 mg/m3	2005-09-01	
aluminium powder (stabilised)	7429-90-5	TWA (Total)	15 mg/m3	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable fraction)	5 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (total dust)	15 mg/m3	2011-07-01	

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

powder (stabilised)					
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	5 mg/m ³	2011-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (Total dust)	15 mg/m ³	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (respirable dust fraction)	5 mg/m ³	1989-01-19	
aluminium powder (stabilised)	7429-90-5	TWA (welding fumes)	5 mg/m ³	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (pyro powders)	5 mg/m ³	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable fraction)	1 mg/m ³	2013-03-01	
aluminium powder (stabilised)	7429-90-5	TWA (Fumes)	5 mg/m ³	1989-01-19	
aluminium powder (stabilised)	7429-90-5	PEL (Welding fumes)	5 mg/m ³	2017-10-02	
aluminium powder (stabilised)	7429-90-5	PEL (Pyro powders)	5 mg/m ³	2017-10-02	
Distillates (petroleum), hydro-treated light; Kerosine — unspecified	64742-47-8	TWA	500 ppm 2 000 mg/m ³	2007-01-01	
Distillates (petroleum), hydro-	64742-47-8	TWA	200 mg/m ³	2010-03-01	

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

treated light; Kerosine — unspecified					
Distillates (petroleum), hydro- treated light; Kerosine — unspecified	64742-47- 8	TWA	400 ppm 1 600 mg/m3	1989-01-19	
Distillates (petroleum), hydro- treated light; Kerosine — unspecified	64742-47- 8	TWA (Mist)	5 mg/m3	2011-07-01	
Distillates (petroleum), hydro- treated light; Kerosine — unspecified	64742-47- 8	TWA (Mist)	5 mg/m3	1989-01-19	
Distillates (petroleum), hydro- treated light; Kerosine — unspecified	64742-47- 8	TWA (Mist)	5 mg/m3	2013-10-08	
Distillates (petroleum), hydro- treated light; Kerosine — unspecified	64742-47- 8	ST (Mist)	10 mg/m3	2013-10-08	
Distillates (petroleum), hydro- treated light; Kerosine — unspecified	64742-47- 8	PEL (particulate)	5 mg/m3	2014-11-26	

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

Solvent naphtha (petroleum), light arom.	64742-95-6	TWA	500 ppm 2 000 mg/m ³	2007-01-01	
Solvent naphtha (petroleum), light arom.	64742-95-6	TWA	200 mg/m ³	2010-03-01	
Solvent naphtha (petroleum), light arom.	64742-95-6	TWA	400 ppm 1 600 mg/m ³	1989-01-19	
1,2,4-trimethylbenzene	95-63-6	TWA	25 ppm 125 mg/m ³	2013-10-08	
1,2,4-trimethylbenzene	95-63-6	TWA	25 ppm	2014-03-01	
1,2,4-trimethylbenzene	95-63-6	TWA	25 ppm 125 mg/m ³	1989-01-19	
1,2,4-trimethylbenzene	95-63-6	PEL	25 ppm 125 mg/m ³	2014-11-26	

8.2 Exposure controls

Personal protective equipment

Eye protection : Safety glasses

Hand protection

Material : Solvent-resistant gloves

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

STAPA ALLUMINATE 3162 Aluminum Paste


Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

- : 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.
 Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
 Recommended preventive skin protection
 Skin should be washed after contact.
 The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Skin and body protection : Dust impervious protective suit
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- : Long sleeved clothing
 Safety shoes
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
- : Use suitable breathing protection if workplace concentration requires.

Environmental exposure controls

Page 14 / 23	102000026708	A member of  ALTANA
--------------	--------------	---

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

General advice	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. 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	:	solid
Colour	:	silver
Odour	:	characteristic
pH	:	No data available
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
Lower explosion limit	:	No data available

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

Vapour pressure	: No data available
Density	: 1,6 - 1,75 g/cm ³
Water solubility	: No data available
Miscibility with water	: No data available
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

9.2 Other information

No data available

SECTION 10: Stability and reactivity**10.1 Reactivity**

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

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

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

hydrogen.
Vapour/air-mixtures are explosive at intense warming.

10.4 Conditions to avoid

Conditions to avoid : No data available

Do not allow to dry.

10.5 Incompatible materials

Materials to avoid : Acids
Bases
Oxidizing agents
Highly halogenated compounds

10.6 Hazardous decomposition products

Hazardous decomposition products : No data available

Other information : No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

Solvent naphtha (petroleum), light arom. :

Acute oral toxicity : LD50 Rat: 3 492 mg/kg

Acute dermal toxicity : LD50 Rabbit: > 3 160 mg/kg

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

1,2,4-trimethylbenzene :

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

Fatty acids, C14-18 and C16-18-unsatd. :

Acute oral toxicity : LD50 Rat: > 5 000 mg/kg

Acute inhalation toxicity : LC50 Rat: > 46 mg/l

Exposure time: 1 h

Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Rabbit: > 3 160 mg/kg

Skin corrosion/irritation**Product**

May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation**Product**

Product dust may be irritating to eyes, skin and respiratory system.

Respiratory or skin sensitisation

No data available

Carcinogenicity

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

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**

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.,
Concentrations substantially above the TLV value may cause narcotic effects., Solvents may
degrease the skin.

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

Page 19 / 23	102000026708	A member of  ALTANA
--------------	--------------	---

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

Distillates (petroleum), hydrotreated light (64742-47-8) :**Ecotoxicology Assessment**

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

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

Solvent naphtha (petroleum), light arom. (64742-95-6) :**Ecotoxicology Assessment**

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

1,2,4-trimethylbenzene (95-63-6) :**Ecotoxicology Assessment**

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

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

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

information

unprofessional handling or disposal., Harmful to aquatic life
with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Product : The product should not be allowed to enter drains, water
courses or the soil.
Do not contaminate ponds, waterways or ditches with
chemical or used container.
Send to a licensed waste management company.
In accordance with local and national regulations.
- Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
In accordance with local and national regulations.

SECTION 14: Transport information

14.1 UN number

14.2 Proper shipping name

14.3 Transport hazard class

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

Not classified as dangerous in the meaning of transport regulations.

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

No data available

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

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.

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

STAPA ALLUMINATE 3162 Aluminum Paste

Version 2.0

Revision Date 11.12.2019

Print Date 28.12.2020

H315	: Causes skin irritation.
H319	: Causes serious eye irritation.
H332	: Harmful if inhaled.
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.
H402	: Harmful to aquatic life.
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.