

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## STAPA HD 1190 Aluminium Paste

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Print Date: 03.03.2026          |
| 1.2     | 02.03.2026     | 102000038067 | Date of first issue: 18.09.2024 |

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

#### 1.1 Product identifier

Trade name : STAPA HD 1190 Aluminium Paste  
Product code : 028449G60

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

Use of the Substance/Mixture : Coloring agents, pigments

#### 1.3 Details of the supplier of the safety data sheet

Company : ECKART GmbH  
Guntersthal 4  
91235 Hartenstein  
Telephone : +499152770  
Telefax : +499152777008  
E-mail address of person responsible for the SDS : [msds.eckart@altana.com](mailto:msds.eckart@altana.com)

#### 1.4 Emergency telephone

NCEC: +44 1235 239670 (Europe)  
Call and response in your language is possible.  
Contract no.: ECKART29003-NCEC.

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Labeling (REGULATION (EC) No 1272/2008)

Hazard Statements : H412 Harmful to aquatic life with long lasting effects.  
Supplemental Hazard : EUH066 Repeated exposure may cause skin

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Statements      dryness or cracking.

Precautionary Statements :      **Prevention:**  
P273      Avoid release to the environment.  
**Disposal:**  
P501      Dispose of contents/ container to an  
approved waste disposal plant.

### 2.3 Other hazards

Combustible Solids

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

| Chemical name  | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number          | ClassificationREGUL<br>ATION (EC) No<br>1272/2008  | Concentration<br>(% w/w) |
|--|--|--|--------------------------|
| aluminium powder (stabilised)  | 7429-90-5<br>231-072-3<br>013-002-00-1<br><br>01-2119529243-45 | Flam. Sol. 1; H228<br>Note T   | >= 50 - <= 100           |
| Naphtha (petroleum),<br>hydrotreated heavy; Low boiling<br>point ydrogen treated naphtha | 64742-48-9<br>918-481-9<br><br>01-2119457273-39                | Asp. Tox. 1; H304<br>EUH066  | >= 25 - < 50             |
| Solvent naphtha (petroleum), light<br>arom.  | 64742-95-6<br>918-668-5<br><br>01-2119455851-35                | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous<br>system)<br>STOT SE 3; H335<br>(Respiratory system)<br>Asp. Tox. 1; H304<br>Aquatic Chronic 2;<br>H411<br>EUH066 | >= 2.5 - < 10            |

For explanation of abbreviations see section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first-aid measures

- General advice : Take the victim into fresh air.  
Do not leave the victim unattended.
- If inhaled : Remove to fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off immediately with soap and plenty of water.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
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

None known.

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

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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 (CO<sub>2</sub>)

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

- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

#### 5.3 Advice for firefighters

- Special protective equipment : Use personal protective equipment.
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for fire-fighters

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.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

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

#### 6.2 Environmental precautions

General advice : The product should not be allowed to enter drains, water courses or the soil.  
Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and material 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.

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### 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.

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For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.

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 ventilation at places where dust is formed.

Hygiene measures : General industrial hygiene practice.

### 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.

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

### 7.3 Specific end use(s)

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components                    | CAS-No.   | Value type (Form of exposure) | Control parameters   | Basis   |
|-------------------------------|-----------|-------------------------------|----------------------|---------|
| aluminium powder (stabilised) | 7429-90-5 | TWA (Inhalable)               | 10 mg/m <sup>3</sup> | GB EH40 |
|                               |           | TWA (Respirable fraction)     | 4 mg/m <sup>3</sup>  | GB EH40 |
|                               |           | TWA (inhalable dust)          | 10 mg/m <sup>3</sup> | GB EH40 |

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|--|---|---------|---------|
|  | <p>Further information: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.</p> |         |         |
|  | TWA (Respirable dust)   | 4 mg/m3 | GB EH40 |
|  | <p>Further information: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.</p> |         |         |

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

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| Substance name  | End Use   | Routes of exposure | Potential health effects   | Value                     |
|---|-----------|--------------------|----------------------------|---------------------------|
| aluminium powder (stabilised)   | Workers   | Inhalation         | Long-term systemic effects | 3.72 mg/m <sup>3</sup>    |
|   | Workers   | Inhalation         | Long-term local effects    | 3.72 mg/m <sup>3</sup>    |
|   | Consumers | Oral               | Long-term systemic effects | 3.95 mg/kg                |
| Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha | Workers   | Inhalation         | Acute systemic effects     | 1500 mg/m <sup>3</sup>    |
|   | Workers   | Dermal             | Long-term systemic effects | 300 mg/kg                 |
|   | Consumers | Oral               | Long-term systemic effects | 300 mg/kg                 |
|   | Consumers | Dermal             | Long-term systemic effects | 300 mg/kg                 |
| Solvent naphtha (petroleum), light arom.  | Consumers | Inhalation         | Long-term systemic effects | 900 mg/m <sup>3</sup>     |
|   | Workers   | Inhalation         | Long-term systemic effects | 150 mg/m <sup>3</sup>     |
|   | Workers   | Inhalation         | Long-term local effects    | 837.5 mg/m <sup>3</sup>   |
|   | Workers   | Inhalation         | Acute systemic effects     | 1286.4 mg/m <sup>3</sup>  |
|   | Workers   | Inhalation         | Acute local effects        | 1066.67 mg/m <sup>3</sup> |
|   | Workers   | Dermal             | Long-term systemic effects | 12.5 mg/kg                |
|   | Consumers | Inhalation         | Long-term systemic effects | 32 mg/m <sup>3</sup>      |
|   | Consumers | Inhalation         | Long-term local effects    | 178.57 mg/m <sup>3</sup>  |
|   | Consumers | Inhalation         | Acute systemic effects     | 1152 mg/m <sup>3</sup>    |
|   | Consumers | Inhalation         | Acute local effects        | 640 mg/m <sup>3</sup>     |
|   | Consumers | Dermal             | Long-term systemic effects | 7.5 mg/kg                 |
|   | Consumers | Dermal             | Acute systemic effects     | 11 mg/kg                  |
|   | Consumers | Oral               | Long-term systemic effects | 7.5 mg/kg                 |

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name                | Environmental Compartment | Value       |
|-------------------------------|---------------------------|-------------|
| aluminium powder (stabilised) | Fresh water               | 0.0749 mg/l |
|                               | clarification plant       | 20 mg/l     |

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### 8.2 Exposure controls

#### Personal protective equipment

|                          |   |   |
|--------------------------|---|---|
| Eye/face protection      | : | Safety glasses  |
| Hand protection          | : |   |
| Material                 | : | Solvent-resistant gloves  |
| Remarks                  | : | 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 | : | Long sleeved clothing<br>Safety shoes<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place.<br>Protective suit  |
| Respiratory protection   | : | Use suitable breathing protection if workplace concentration requires.  |

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |   |                    |
|--|---|--------------------|
| Form   | : | Pasty solid        |
| Color  | : | silver             |
| Odor   | : | characteristic     |
| Odor Threshold                                   | : | No data available  |
| Freezing point                                   | : | No data available  |
| Boiling point/boiling range                      | : | No data available  |
| Flammability                                     | : | Combustible Solids |
| Upper explosion limit / Upper flammability limit | : | No data available  |
| Lower explosion limit / Lower                    | : | No data available  |

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flammability limit

Flash point : No data available

Autoignition temperature : No data available

Decomposition temperature : No data available

pH : substance/mixture is non-soluble (in water)

Viscosity, kinematic : No data available

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-  
octanol/water : No data available

Vapor pressure : No data available

Relative density : No data available

Density : 1.3 - 2.0 g/cm<sup>3</sup>

Relative vapor density : No data available

Particle characteristics

Particle Size Distribution : 16 - 30 µm

### 9.2 Other information

Explosives : Not explosive

Self-ignition : not auto-flammable

Miscibility with water : immiscible

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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.

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Contact with acids and alkalis may release hydrogen.  
Mixture reacts slowly with water resulting in evolution of hydrogen.  
Vapor/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

This information is not available.

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## SECTION 11: Toxicological information

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

#### Acute toxicity

##### Components:

##### **aluminium powder (stabilised):**

Acute inhalation toxicity :

##### **Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:**

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

Acute inhalation toxicity : LC50 (Rat): Test atmosphere: vapor  
Remarks: An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

##### **Solvent naphtha (petroleum), light arom.:**

Acute oral toxicity : LD50 (Rat): 3,492 mg/kg

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

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### Skin corrosion/irritation

#### Components:

#### **Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:**

Result : Repeated exposure may cause skin dryness or cracking.

#### **Solvent naphtha (petroleum), light arom.:**

Result : Repeated exposure may cause skin dryness or cracking.

### Germ cell mutagenicity

#### Components:

#### **Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:**

Germ cell mutagenicity-Assessment : Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

#### **Solvent naphtha (petroleum), light arom.:**

Germ cell mutagenicity-Assessment : Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

### Carcinogenicity

#### Components:

#### **Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:**

Carcinogenicity - Assessment : Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

#### **Solvent naphtha (petroleum), light arom.:**

Carcinogenicity - Assessment : Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

### STOT-single exposure

#### Components:

#### **Solvent naphtha (petroleum), light arom.:**

Assessment : May cause respiratory irritation., May cause drowsiness or dizziness.

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### Aspiration toxicity

#### Components:

**Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:**

May be fatal if swallowed and enters airways.

**Solvent naphtha (petroleum), light arom.:**

May be fatal if swallowed and enters airways.

### 11.2 Information on other hazards

#### Further information

##### Product:

Remarks : No data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

**Solvent naphtha (petroleum), light arom.:**

#### Ecotoxicology Assessment

Chronic aquatic toxicity : 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

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

No data available

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### 12.7 Other adverse effects

**Product:**

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

**Components:**

**Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:**

Additional ecological information : No data available

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### SECTION 13: Disposal considerations

European Waste Catalog : 10 03 21\* - Waste from thermal aluminium metallurgy, other particles and dust (including ball mill dust) containing hazardous substances.

### 13.1 Waste treatment methods

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

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### SECTION 14: Transport information

#### 14.1 UN number or ID number

ADR : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

#### 14.2 UN proper shipping name

ADR : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

#### 14.4 Packing group

ADR : Not regulated as a dangerous good

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**IMDG** : Not regulated as a dangerous good

**IATA (Cargo)** : Not regulated as a dangerous good

**IATA (Passenger)** : Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

|  |                            |
|--|----------------------------|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : Banned and/or restricted |
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation  | : Not applicable           |
| The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)                            | : Not applicable           |
| Regulation (EU) No 2024/590 on substances that deplete the ozone layer   | : Not applicable           |
| UK REACH List of substances subject to authorisation (Annex XIV)   | : Not applicable           |

### 15.2 Chemical Safety Assessment

No data available

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## SECTION 16: Other information

### Full text of H-Statements

|      |   |
|------|---|
| H226 | : Flammable liquid and vapor.                   |
| H228 | : Flammable solid.                              |
| H304 | : May be fatal if swallowed and enters airways. |
| H335 | : May cause respiratory irritation.             |
| H336 | : May cause drowsiness or dizziness.            |

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H411 : Toxic to aquatic life with long lasting effects.  
EUH066 : Repeated exposure may cause skin dryness or cracking.

### Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard  
Asp. Tox. : Aspiration hazard  
Flam. Liq. : Flammable liquids  
Flam. Sol. : Flammable solids  
Note T : This substance may be marketed in a form which does not have the physical hazards as indicated by the classification in the entry in Part 3.  
STOT SE : Specific target organ toxicity - single exposure  
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits  
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

**Classification of the mixture:**

**Classification procedure:**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## STAPA HD 1190 Aluminium Paste

|         |                |              |                                 |
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Aquatic Chronic 3

H412

Calculation method

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.

GB / EN