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

### 1.1. Product identifier

Asplit® HB Powder

**Art.-No.**

592 0090

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

**Use of the substance/mixture**

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

| | |
|---|---|
| Company name: | TIP TOP Oberflaechenschutz Elbe GmbH |
| Street: | Heuweg 4 |
| Place: | D-06886 Wittenberg |
| Telephone: | +49(0)3491/635-50 |
| Telefax: | +49(0)3491/635-552 |
| Responsible Department: | Responsible for the safety data sheet: sds@gbk-ingelheim.de |

### 1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)
England and Wales: NHS Direct - 0845 4647; Scotland: NHS 24 - 08454 24 24 24

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture according to 1272/2008/EC

Hazard categories:
Specific target organ toxicity - repeated exposure: STOT RE 2
Hazard Statements:
May cause damage to organs (lung) through prolonged or repeated exposure if inhaled.

### 2.2. Label elements

**Hazard components for labelling**
Quartz

Signal word: Warning

Pictograms:

**Hazard statements**

| | |
|---|---|
| H373 | May cause damage to organs (lung) through prolonged or repeated exposure if inhaled. |

**Precautionary statements**

| | |
|---|---|
| P260 | Do not breathe dust. |
| P285 | In case of inadequate ventilation wear respiratory protection. |
| P314 | Get medical advice/attention if you feel unwell. |

### 2.3. Other hazards

Not known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Chemical characterization**
Mixture of the following substances with non-hazardous admixtures

**Hazardous components**

| CAS No | Chemical name | | | Quantity |
|---|---|---|---|---|
| | EC No | Index No | REACH No | |
| | Classification according to Regulation (EC) No. 1272/2008 [CLP] | | | |
| 14808-60-7 | Quartz | | | < 5 % |
| | 231-545-4 | | | |
| | STOT RE 1; H372 | | | |

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information**
Remove and wash contaminated clothing before re-use.

**After inhalation**
Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
In the event of symptoms refer for medical treatment.

**After contact with skin**
No specific precautions required.

**After contact with eyes**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.

**After ingestion**
In the event of symptoms refer for medical treatment.

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

May cause damage to organs through prolonged or repeated exposure if inhaled. [lung]
When dust is produced, slight irritations of eyes and mucous membranes are possible.
Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

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

Treat symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**
Product does not burn, fire-extinguishing activities according to surrounding.

**Unsuitable extinguishing media**
Full water jet.

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

No data available.

### 5.3. Advice for firefighters

In case of fire, wear suitable respiratory equipment with positive air supply.
Protective suit.

**Additional information**
Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

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

In case of respirable dust, use a self-contained breathing apparatus.
Ensure adequate ventilation.
Use personal protective clothing.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

**6.3. Methods and material for containment and cleaning up**
Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.
Where possible recycling is preferred to disposal.

**6.4. Reference to other sections**
Observe protective instructions (see Sections 7 and 8).
Information for disposal see section 13.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

**Advice on safe handling**
Keep container tightly closed.
Avoid the formation and deposition of dust.
Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

**Advice on protection against fire and explosion**
No special protective measures against fire required.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**
Keep container tightly closed in a dry, cool and well-ventilated place.

**Advice on storage compatibility**
No materials to be especially mentioned.

**Further information on storage conditions**
Keep away from food, drink and animal feeding stuffs.

**7.3. Specific end use(s)**

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## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Additional advice on limit values**
Obey TLV for common dust, if applicable.

**8.2. Exposure controls**

**Appropriate engineering controls**
Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

**Protective and hygiene measures**
Do not breathe dust.
Wash hands before breaks and at the end of workday.
When using do not eat, drink or smoke.
Remove and wash contaminated clothing before re-use.

**Eye/face protection**
Safety goggles with side protection (EN 166).

**Hand protection**
Chemical protective gloves made of nitrile, nitrile/cotton, butyl or neoprene, with a minimum thickness of 0.7 mm, permeation time of approx. 480 minutes.
This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.
Pls. find examples in the protective gloves database under: http://bestglove.com/site/chemrest/

**Skin protection**
Long sleeved clothing (EN 368).

**Respiratory protection**
Dust mask (EN 149)

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state: | Powder |
| Colour: | Various |
| Odour: | Odourless |

**Changes in the physical state**

| | |
|---|---|
| Flash point: | n.a. |
| Lower explosion limits: | n.a. |
| Upper explosion limits: | |
| Ignition temperature: | n.a. |
| Density (at 20 °C): | ~ 1,15 g/cm³ |
| Water solubility: (at 20 °C) | More or less insoluble |

### 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

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

Not known.

### 10.5. Incompatible materials

No materials to be especially mentioned.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity**
Based on available data, the classification criteria are not met.
No toxicological data available.

**Irritation and corrosivity**
Based on available data, the classification criteria are not met.

**Sensitising effects**
Based on available data, the classification criteria are not met.

**STOT-single exposure**
Based on available data, the classification criteria are not met.

**Severe effects after repeated or prolonged exposure**
May cause damage to organs (lung) through prolonged or repeated exposure if inhaled.

**Carcinogenic/mutagenic/toxic effects for reproduction**
Based on available data, the classification criteria are not met.

**Aspiration hazard**
Based on available data, the classification criteria are not met.

**Additional information on tests**
Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

**Practical experience**

**Other observations**
When dust is produced, slight irritations of eyes and mucous membranes are possible.
Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

## SECTION 12: Ecological information

**12.1. Toxicity**
Ecological data are not available.

**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**
According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

**12.6. Other adverse effects**
Low hazard to waters.

**Further information**
Do not flush into surface water or sanitary sewer system.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Advice on disposal**
It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.
Where possible recycling is preferred to disposal.

**Waste disposal number of waste from residues/unused products**

| | |
|---|---|
| 080299 | WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of other coatings (including ceramic materials); wastes not otherwise specified |

**Contaminated packaging**
Empty containers should be taken for local recycling, recovery or waste disposal.
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
Packaging that cannot be cleaned should be disposed of like the product.

## SECTION 14: Transport information

**Land transport (ADR/RID); Marine transport (IMDG); Air transport (ICAO); Inland waterways transport (ADN):**

**14.1. UN number:**
No hazardous material as defined by the transport regulations.

**14.2. UN proper shipping name:**
No hazardous material as defined by the transport regulations.

**14.3. Transport hazard class(es):**
No hazardous material as defined by the transport regulations.

**14.4. Packing group:**
No hazardous material as defined by the transport regulations.

**14.5. Environmental hazards**
No hazardous material as defined by the transport regulations.

**14.6. Special precautions for user**
No hazardous material as defined by the transport regulations.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**
No hazardous material as defined by the transport regulations.

## SECTION 15: Regulatory information

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

**EU regulatory information**

| | |
|---|---|
| 2004/42/EC (VOC): | 0 % |

**National regulatory information**

| | |
|---|---|
| Employment restrictions: | Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. |
| Water contaminating class (D): | 1 - slightly water contaminating |

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

**Abbreviations and acronyms**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
IMDG = International Maritime Code for Dangerous Goods
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
MARPOL = International Convention for the Prevention of Pollution from Ships
IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CAS = Chemical Abstract Service
EN = European norm
ISO = International Organization for Standardization
DIN = Deutsche Industrie Norm
PBT = Persistent Bioaccumulative and Toxic
vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
IC = Median immobilisation concentration or median inhibitory concentration

**Relevant H and EUH statements (number and full text)**

| | |
|---|---|
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H373 | May cause damage to organs (lung) through prolonged or repeated exposure if inhaled. |

**Further Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.
The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.
The delivery specifications are contained in the corresponding product sheet.
This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.
(n.a. = not applicable; n.d. = not determined)

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*