

# Asplit® HB Powder

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Issue date: 04/09/2013 Revision date: 09/10/2024 Supersedes: 12/13/2021 Version: 1.4

SDS No: 00359-1161



### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Asplit® HB Powder  
Product code : 592 0090

#### 1.2. Recommended use and restrictions on use

Recommended use : Fillers

#### 1.3. Supplier

TIP TOP Oberflächenschutz Elbe GmbH  
4 Heuweg  
Wittenberg, 6886  
Germany  
T +49(0)3491/635-50 - F +49(0)3491/635-552  
E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

#### 1.4. Emergency telephone number

Emergency number : INTERNATIONAL: +49 (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)  
(001) 352 323 3500 Infotrac/GBK GmbH-ID: 93591a

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Specific target organ toxicity – Repeated exposure, Category 1 H372 Causes damage to organs (lungs) through prolonged or repeated exposure (Inhalation).

Full text of H-statements: see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H372 - Causes damage to organs (lungs) through prolonged or repeated exposure (Inhalation).

Precautionary statements (GHS CA) : P260 - Do not breathe dust.  
P314 - Get medical advice/attention if you feel unwell.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS CA)

No additional information available

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Quartz	-	CAS-No.: 14808-60-7	< 5	STOT RE 1, H372

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures 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.
First-aid measures after skin contact	: No specific measures are necessary.
First-aid measures after eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: If symptoms persist, call a physician.
First-aid measures general	: Remove and wash contaminated clothing before re-use.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: Inhalation of dust may cause temporary irritation of the mouth, nose and throat. May cause shortness of breath, tightness of the chest, a sore throat and cough.
Symptoms/effects after eye contact	: Dust from this product may cause eye irritation.
Chronic symptoms	: Causes damage to organs through prolonged or repeated exposure.
Potential adverse human health effects and symptoms	: When dust is produced, slight irritations of eyes and mucous membranes are possible. Breathing dust and fibres may cause temporary irritation to mouth, nose and throat. May cause shortness of breath, tightness of the chest, a sore throat and cough.

#### 4.3. Immediate medical attention and special treatment, if necessary

Treatment	: Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media	: Product does not burn, fire-extinguishing activities according to surrounding.
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#### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media	: high volume water jet.
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#### 5.3. Specific hazards arising from the hazardous product

Fire hazard	: Non flammable.
Explosion hazard	: Product is not explosive.
Hazardous decomposition products in case of fire	: Not known.

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### 5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location.
Protection during firefighting	: In case of fire, wear suitable respiratory equipment with positive air supply. Protective suit.
Precautionary measures fire	: Cool endangered containers with water spray jet.
Other information	: 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

General measures : Ensure adequate air ventilation. Use personal protective clothing.

### 6.2. Methods and materials for containment and cleaning up

For containment	: Avoid formation of dust.
Methods for cleaning up	: Pick up mechanically, avoiding dust, and provide disposal in suitable recipients. Where possible recycling is preferred to disposal.

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep the container tightly closed. Avoid the formation and deposition of dust. Provide appropriate exhaust ventilation at places of dust forming.

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

Storage conditions : Keep container tightly closed in a dry, cool and well-ventilated place.  
Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### 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/>

Type	Material	Permeation	Thickness (mm)	Penetration

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### Eye protection:

Type	Field of application	Characteristics
Safety glasses with side shields	Dust	

### Skin and body protection:

Type
Long sleeved protective clothing

### Other information:

Do not breathe dust. Wash hands before breaks and at the end of workday. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: Powder.
Colour	: Various colours
Odour	: Odourless
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Density	: $\approx 1.15 \text{ g/cm}^3 @20^\circ\text{C}$
Solubility	: Water: Insoluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Not oxidising.
Explosive limits	: No data available

### 9.2. Other information

VOC content	: 0 %
Additional information	: Solid content 100%

## SECTION 10: Stability and reactivity

Reactivity	: No decomposition if stored normally.
Chemical stability	: Stable under normal conditions.

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Possibility of hazardous reactions	: No hazardous reactions known.
Conditions to avoid	: No data available.
Incompatible materials	: No materials to be especially mentioned.
Hazardous decomposition products	: No hazardous decomposition products known.
Hardening time:	: No additional information available

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitization	: Not classified (Based on available data, the classification criteria are not met)
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)

#### Quartz (14808-60-7)

IARC group	1 - Carcinogenic to humans
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	: Causes damage to organs (lungs) through prolonged or repeated exposure (Inhalation).
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Potential adverse human health effects and symptoms	: When dust is produced, slight irritations of eyes and mucous membranes are possible. Breathing dust and fibres may cause temporary irritation to mouth, nose and throat. May cause shortness of breath, tightness of the chest, a sore throat and cough.
Symptoms/effects after inhalation	: Inhalation of dust may cause temporary irritation of the mouth, nose and throat. May cause shortness of breath, tightness of the chest, a sore throat and cough.
Symptoms/effects after eye contact	: Dust from this product may cause eye irritation.
Chronic symptoms	: Causes damage to organs through prolonged or repeated exposure.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

#### 12.2. Persistence and degradability

<b>Asplit® HB Powder</b>	
Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances

#### 12.3. Bioaccumulative potential

<b>Asplit® HB Powder</b>	
Bioaccumulative potential	No data available.

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### 12.4. Mobility in soil

#### Asplit® HB Powder

Ecology - soil	No data available.
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### 12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)  
Other information : Do not flush into surface water or sewer system.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Must follow special treatment according to local regulation. Where possible recycling is preferred to disposal.  
Product/Packaging disposal recommendations : 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

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
<b>14.1. UN number</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. Proper Shipping Name</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

### 14.6. Special precautions for user

**TDG**  
Not applicable

**DOT**  
Not applicable

**IMDG**  
Not applicable

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### IATA

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

### 15.1. National regulations

#### Quartz (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: Other information

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Other information : Data of sections 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.

### Full text of hazard classes and H-statements:

H372	Causes damage to organs through prolonged or repeated exposure.
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### Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
DOT	Department of Transport
TDG	Transportation of Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
IARC	International Agency for Research on Cancer
vPvB	Very Persistent and Very Bioaccumulative
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration

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<b>Abbreviations and acronyms:</b>	
CAS	CAS (Chemical Abstracts Service) number
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
BCF	Bioconcentration factor
MARPOL 73/78	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
ADG	Transport of Australian Dangerous Goods

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.