

**ASPLIT HES POWDER**  
00359-1162

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

### **1.1. Product identifier**

ASPLIT HES POWDER

**Art.-No.**

592 0110

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

**Use of the substance/mixture**

Filler

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

TIP TOP Oberflächenschutz Elbe GmbH

Heuweg 4

D-06886 Wittenberg

Telephone: +49(0)3491/635-50

Telefax: +49(0)3491/635-552

Responsible for the safety data sheet: sds@gbk-ingelheim.de

### **1.4. Emergency telephone**

Emergency telephone :+49 (0) 6132 / 84463 (GBK Gefahrgut Buero GmbH, Ingelheim)

## **SECTION 2: Hazards identification**

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

Indications of danger: Xn - Harmful, Xi - Irritant

R phrases:

Risk of serious damage to eyes.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

### **GHS classification**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Specific target organ toxicity - repeated exposure: STOT RE 2

Hazard Statements:

Causes serious eye damage.

Causes skin irritation.

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

### **2.2. Label elements**

**Pictograms:**

GHS05-GHS08



**Signal word:**

Danger

**Hazardous components which must be listed on the label**

Sodium silicate

Quartz

### **Hazard statements**

H318 Causes serious eye damage.

H315 Causes skin irritation.

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

### **Precautionary statements**

P260 Do not breathe dust.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

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P314 easy to do. Continue rinsing.  
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**

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
215-687-4	Sodium silicate	< 20 %
1344-09-8	Xi - Irritant R37/38-41	
	Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335	
01-2119448725-31		
238-878-4	Quartz	< 15 %
14808-60-7	Xn - Harmful R48/20	
	STOT RE 2; H373	

Full text of R and H phrases: 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**

Wash with water and soap as a precaution.

Consult a doctor if skin irritation persists.

#### **After contact with eyes**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Seek medical treatment by eye 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. [lung]

Causes skin irritation.

Causes serious eye damage.

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.

#### **Extinguishing media which must not be used for safety reasons**

Full water jet.

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

No data available.

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### **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.

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## **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/groundwater.

### **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 look up chapter 13.

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## **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**

#### **Occupational exposure 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.

#### **Respiratory protection**

Dust mask (EN 149)

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**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/>

**Eye protection**

Safety goggles with side protection.

**Skin protection**

Long sleeved clothing.

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**SECTION 9: Physical and chemical properties**

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

Physical state:	Powder
Colour:	Beige
Odour:	Odourless

**Test method**

**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):	~ 1,06 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	More or less insoluble

**9.2. Other information**

No data available.

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**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 data available.

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**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

No toxicological data available.

**Specific effects in experiment on an animal**

Causes skin irritation.

Causes serious eye damage.

**Irritation and corrosivity**

Eye irritation: Causes serious eye damage.

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Skin irritation: Irritant

**Sensitising effects**

Not classified.

**Severe effects after repeated or prolonged exposure**

STOT - Single exposure: Not classified.

STOT - Repeated exposure: Category 2 [May cause damage to organs through prolonged or repeated exposure.]

Aspiration hazard: Not classified.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Carcinogenicity: Not classified.

Mutagenicity: Not classified.

Teratogenicity: Not classified.

**Additional information on tests**

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

**Empirical data on effects on humans**

Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

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**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.

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**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.

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**SECTION 14: Transport information**

**Other applicable information**

No hazardous material as defined by the transport regulations.

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**SECTION 15: Regulatory information**

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

**EU regulatory information**

1999/13/EC (VOC): 0 %

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**National regulatory information**

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

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.

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**SECTION 16: Other information**

**Full text of R phrases referred to under Sections 2 and 3**

37/38 Irritating to respiratory system and skin.  
41 Risk of serious damage to eyes.  
48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

**Full text of H statements referred to under Sections 2 and 3**

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs (lung) through prolonged or repeated exposure if inhaled.  
H373 May cause damage to organs through prolonged or repeated exposure.

**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)

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