

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

### 1.1. Product identifier

Asplit® HGL Powder

**Art.-No.**

592 0140

### 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 Oberflächenschutz 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  
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## SECTION 2: Hazards identification

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

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

**Hazard components for labelling**

Sodium silicate

Quartz

Signal word:

Danger

Pictograms:



### 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 water.

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

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			> 70 %
	238-878-4			
	STOT RE 2; H373			
1344-09-8	Sodium silicate			< 20 %
	215-687-4		01-2119448725-31	
	Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335			

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

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.

#### 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.

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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/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.

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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**

#### **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)

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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

#### **Changes in the physical state**

Flash point:	n.a.
Lower explosion limits:	n.a.
Upper explosion limits:	
Ignition temperature:	n.a.
Bulk density (at 20 °C):	1060 kg/m <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 hazardous decomposition products known.

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### **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**

Causes serious eye damage.

Causes skin irritation.

##### **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. (Quartz)

**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**

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.

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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**

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.

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**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)**

- 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.

**Safety Data Sheet** according to Regulation (EC) No 1907/2006

TIP TOP Oberflächenschutz Elbe GmbH

**Asplit® HGL Powder**

Revision date: 20.04.2016

Revision No: 1,1

Product code: 00359-1175



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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.)*