



## Safety Data Sheet

### Asplit® CN Powder

Revision date: 25.05.2023

Product code: 00359-1165

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#### Mixtures

##### Chemical characterization

Mixture of the following substances with non-hazardous admixtures

##### Hazardous components

CAS No	Chemical name	Quantity
98-67-9	4-Hydroxybenzenesulphonic acid	< 5 %
6192-52-5	p-toluenesulphonic acid monohydrate	< 5 %
7681-38-1	Sodium hydrogensulphate	< 5 %
108-95-2	Phenol	< 1 %

Full text of H statements: see section 16.

##### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
6192-52-5	203-180-0	p-toluenesulphonic acid monohydrate	< 5 %
		oral: LD50 = 2480 mg/kg STOT SE 3; H335: >= 20 - 100	
108-95-2	203-632-7	Phenol	< 1 %
		inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: ATE = 100 mg/kg Skin Corr. 1B; H314: >= 3 - 100 Skin Irrit. 2; H315: >= 1 - < 3 Eye Irrit. 2; H319: >= 1 - < 3	

##### Further Information

Total H314 &lt; 5%

#### 4. First-aid measures

##### 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

In case of contact with skin wash off immediately with plenty of water.

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

Do not induce vomiting.

Rinse out mouth and give plenty of water to drink.

Never give anything by mouth to an unconscious person.

Call a physician immediately.

Induce vomiting only upon the advice of a physician.

##### Most important symptoms and effects, whether acute or delayed

Causes skin irritation.

Causes serious eye damage.

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

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

Treat symptoms.



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## 5. Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media

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

#### Unsuitable extinguishing media

Full water jet.

### Specific hazards arising from the hazardous product

Dust may form explosive mixture in air.

Fire may produce:

Carbon monoxide, carbon dioxide and sulphur oxides.

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

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.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### General advice

Avoid the formation and deposition of dust.

Ensure adequate ventilation.

Keep away noninvolved persons.

#### For non-emergency personnel

Do not breathe dust.

Avoid contact with skin, eyes and clothing.

#### For emergency responders

In case of respirable dust, use a self-contained breathing apparatus.

Use personal protective clothing.

### Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

#### For containment

Avoid dust formation.

Knock down dust with water spray jet.

#### For cleaning up

Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.

Where possible recycling is preferred to disposal.

### Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal look up chapter 13.

## 7. Handling and storage

### 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.

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#### Advice on protection against fire and explosion

Dust may form explosive mixture in air.

#### 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.

##### Hints on joint storage

No materials to be especially mentioned.

##### Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

## 8. Exposure controls/Personal protection

#### Control parameters

#### Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m <sup>3</sup>	F/ml	Category	Origin
7782-42-5	Graphite (all forms except graphite fibers) (respirable fraction)		2		TWA (8 h)	ACGIH-2022
108-95-2	Phenol	5			TWA (8 h)	ACGIH-2022

#### Biological limit values

CAS No	Chemical name	Parameter	Value	Test material	Sampling time
108-95-2	PHENOL (ACGIH 2022)	Phenol (with hydrolysis, creatinine)	250 mg/g	urine	End of shift

#### Additional advice on limit values

Obey TLV for common dust, if applicable.

#### Exposure controls

##### Appropriate engineering controls

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

##### Protective and hygiene measures

Eviter d'inhalier la poussière.

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

Eye wash bottle with pure water.

##### 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 GISBAU protective gloves database under:

<http://www.wingisonline.de/handschuhe/frmMain.aspx>

##### Skin protection

Long sleeved clothing.



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**Respiratory protection**

Dust mask (EN 149)

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	Powder	
Colour:	Black	
Odour:	Odourless	
pH-Value:		n. d.

**Changes in the physical state**

Melting point/freezing point:		n. d.
Boiling point or initial boiling point and boiling range:		n. d.
Sublimation point:		n.a.
Softening point:		n. d.
Flash point:		n.a.

**Flammability**

Solid/liquid:		n.a.
Lower explosive limits:		n.a.
Upper explosive limits:		n.a.
Auto-ignition temperature:		n.a.

**Self-ignition temperature**

Solid:		n.a.
Gas:		n.a.
Decomposition temperature:		n. d.

**Oxidizing properties**

Not oxidising.		
Vapour pressure:		n.a.
Density (at 20 °C):		~ 1,99 g/cm <sup>3</sup>
Bulk density:		600 kg/m <sup>3</sup>
Water solubility: (at 20 °C)		More or less insoluble

**Solubility in other solvents**

n. d.		
Partition coefficient n-octanol/water:		n. d.
Viscosity / dynamic:		n.a.
Viscosity / kinematic:		n.a.
Flow time:		n.a.
Relative vapour density:		n.a.
Evaporation rate:		n.a.
Solvent separation test:		n.a.
Solvent content:		0 %

**Other information**

Solid content:		100 %
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## 10. Stability and reactivity

### Reactivity

No decomposition if stored and applied as directed.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

No hazardous reactions known.

### Conditions to avoid

Avoid the formation and deposition of dust.  
Dust may form explosive mixture in air.

### Incompatible materials

No materials to be especially mentioned.

### Hazardous decomposition products

No hazardous decomposition products known.  
Fire may produce:  
Carbon monoxide, carbon dioxide, sulphur oxides.

## 11. Toxicological information

### Information on toxicological effects

#### **Acute toxicity**

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

#### **ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

#### **Irritation and corrosivity**

Causes skin irritation.  
Causes serious eye damage.

#### **Sensitizing effects**

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

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

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

#### **STOT-single exposure**

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

#### **STOT-repeated exposure**

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.

### Information on other hazards

#### **Endocrine disrupting properties**

No data available

#### **Other information**

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

## 12. Ecological information



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#### Ecotoxicity

Ecological dates are not available.

#### Persistence and degradability

No data available

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### Other adverse effects

Slightly water hazardous.

#### Further information

Do not flush into surface water or sanitary sewer system.

### 13. Disposal considerations

#### Waste treatment methods

##### **Disposal recommendations**

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

##### **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.

### 14. Transport information

#### **Canadian TDG**

**Proper shipping name:** No dangerous good in sense of this transport regulation.

#### **Marine transport (IMDG)**

**UN number:** No dangerous good in sense of this transport regulation.

**United Nations proper shipping name:** No dangerous good in sense of this transport regulation.

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

#### **Air transport (ICAO-TI/IATA-DGR)**

**UN number:** No dangerous good in sense of this transport regulation.

**United Nations proper shipping name:** No dangerous good in sense of this transport regulation.

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

#### **Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

### 15. Regulatory information

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#### Canadian regulations

#### 16. Other information

##### Changes

This data sheet contains changes from the previous version in section(s): 2,6,7,11,12.

##### 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

##### Classification for mixtures and used evaluation method according to GHS

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method

##### Relevant H statements (number and full text)

H290 May be corrosive to metals.  
H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H341 Suspected of causing genetic defects.  
H373 May cause damage to organs through prolonged or repeated exposure.

##### Further Information

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release 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



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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.)*