1. Identification

Product identifier

Asplit® CN Powder

Art.-No.

592 0010

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Filler

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

Emergency phone number: INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

2. Hazard(s) identification

Classification of the chemical

Regulation (EC) No 1272/2008

Skin Irrit. 2; H315
Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

Label elements

Regulation (EC) No 1272/2008

Signal word: Danger

Pictograms:

Hazard statements

H315 Causes skin irritation
H318 Causes serious eye damage

Precautionary statements

P260 Do not breathe dust.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center/doctor.

Hazards not otherwise classified

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.
Dust may form explosive mixture in air.

3. Composition/information on ingredients

Mixtures

Chemical characterization

Mixture of the following substances with non-hazardous admixtures

Hazardous components

CAS No	Components	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 and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Components	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 < 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, both acute and delayed

Causes skin irritation.
Risk of serious damage to eyes.
Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

Indication of any immediate medical attention and special treatment needed

Treat symptoms.

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 chemical

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.

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

CAS No	Substance	ppm	mg/m³	f/cc	Category	Origin
7782-42-5	Graphite (all forms except graphite fibers) (respirable fraction)		2		TWA (8 h)	ACGIH-2022
7782-42-5	Graphite (natural) (resp)	-	2.5		TWA (8 h)	REL
7782-42-5	Graphite, natural, respirable dust	529.5 mp/m³	-		TWA (8 h)	PEL
108-95-2	Phenol	5	19		TWA (8 h)	PEL
		5	19		TWA (8 h)	REL
		C 15.6	C 60		Ceiling	REL
108-95-2	Phenol	5			TWA (8 h)	ACGIH-2022

Biological Exposure Indices (BEI-ACGIH)

CAS No	Substance	Determinant	Value	Test material	Sampling time
108-95-2	PHENOL	Phenol (with hydrolysis, creatinine)	250 mg/g	urine	End of shift

Additional advice on limit values

Observe 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

Do not inhale 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.
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.

Respiratory protection

Dust mask (EN 149)

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Powder	
Color:	Black	
Odor:	Odorless	
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 explosion limits:		n.a.
Upper explosion 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.		
Vapor pressure:		n.a.
Density (at 20 °C):		~ 1,99 g/cm³
Bulk density:		600 kg/m³
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 %

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.

Specific target organ toxicity (STOT) - single exposure

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

Specific target organ toxicity (STOT) - repeated exposure

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

Carcinogenicity (IARC): Phenol (CAS 108-95-2) is listed in group 3.

Aspiration hazard

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

Additional information on tests

This product is classified in accordance with the GHS regulations.

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

Ecotoxicity

Ecological data 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

US DOT 49 CFR 172.101

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.
UN 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.
UN 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

Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

15. Regulatory information

U.S. Regulations

National regulatory information

SARA Section 302 Extremely hazardous substances:
Phenol (108-95-2): Reportable quantity = 1,000 lbs., Threshold planning quantity = 500/10,000 lbs.
SARA Section 304 CERCLA:
Phenol (108-95-2): Reportable quantity = 1,000 (454) lbs. (kg)
SARA Section 311/312 Hazards:
4-Hydroxybenzenesulphonic acid (98-67-9): Immediate (acute) health hazard
p-toluenesulphonic acid monohydrate (6192-52-5): Immediate (acute) health hazard
Sodium hydrogensulphate (7681-38-1): Immediate (acute) health hazard
Phenol (108-95-2): Immediate (acute) health hazard, Delayed (chronic) health hazard
SARA Section 313 Toxic release inventory:
Phenol (108-95-2): De minimis limit = 1.0 %, Reportable threshold = Standard
Clean Air Act Section 112(b):
Phenol (108-95-2)

State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Changes

Revision date: 05/25/2023

Revision No: 1,4

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 (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

Other data

The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions.
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.)