

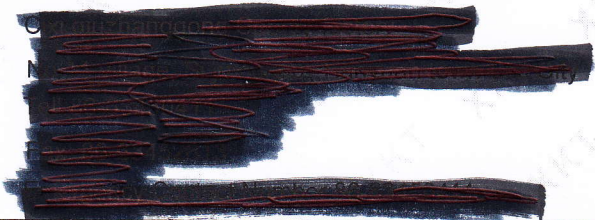




**\*\*\*Section 1 - PRODUCT AND COMPANY IDENTIFICATION\*\*\***

Material Name: chalk line

Manufacturer Information



**\*\*\*Section 2 - HAZARDS IDENTIFICATION\*\*\***

Classification of the substance or mixture

CLP Classification - Regulation (EC) No 1272/2008

Not hazardous

**Physical hazards**

Based on available data, the classification criteria are not met

**Health hazards**

Based on available data, the classification criteria are not met

**Environmental hazards**

Based on available data, the classification criteria are not met

Full text of Hazard Statements: see section 16

**2.2. Label elements**

None required

**2.3. Other hazards**

In accordance with Annex XIII of the REACH Regulation, inorganic substances do not require assessment

**\*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\***

CAS	Component	Percent
471-34-1	Calcium carbonate	60%
512471-00-1 1332-37-2 27455-37-5	Iron oxide yellow Iron oxide Ultramarine blue	40%

**\*\*\*Section 4 - FIRST AID MEASURES\*\*\***

Description of first aid measures

**Eye Contact**

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

**Skin Contact**

Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

**Ingestion**

Do NOT induce vomiting. Get medical attention.

**Inhalation**

Remove to fresh air. Get medical attention immediately if symptoms occur. If not breathing, give artificial respiration.

**Self-Protection of the First Aider**

No special precautions required.





**Most important symptoms and effects, both acute and delayed**

No information available.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**

Treat symptomatically.

**\*\*\*Section 5 - FIRE FIGHTING MEASURES\*\*\***

**Extinguishing media**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

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

No information available.

**Special hazards arising from the substance or mixture**

Containers may explode when heated. Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous Combustion Products**

None under normal use conditions.

**Advice for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**\*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\***

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

**Environmental precautions**

Should not be released into the environment. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

**Reference to other sections**

Refer to protective measures listed in Sections 8 and 13.

**\*\*\*Section 7 - HANDLING AND STORAGE\*\*\***

**Precautions for safe handling**

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

**Conditions for safe storage, including any incompatibilities**



Keep containers tightly closed in a dry, cool and well-ventilated place.

**Technical Rules for Hazardous Substances (TRGS) 510 Storage Class (LGK)**  
(Germany)

Class 13

**Specific end use(s)**

Use in laboratories

**\*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\***

**Component Exposure Limits**

ACGIH and EU have not developed exposure limits for any of this product's components.

**Ventilation**

Based on available information, additional ventilation is not required.

**PERSONAL PROTECTIVE EQUIPMENT**

**Eyes/Face**

Eye protection not required under normal conditions.

**Protective Clothing**

Protective clothing is not required under normal conditions.

**Glove Recommendations**

Protective gloves are not required under normal conditions.

**Respiratory Protection**

No respirator is required under normal conditions of use.

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

**\*\*\*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\***

<b>Physical State:</b> Solid	<b>Appearance:</b> Not available
<b>Color:</b> various colors	<b>Physical Form:</b> solid
<b>Odor:</b> odorless	<b>Odor Threshold:</b> Not available
<b>Melting Point:</b> Not available	<b>Boiling Point:</b> Not applicable
<b>Vapor Pressure:</b> Not applicable	<b>Vapor Density (air = 1):</b> Not applicable
<b>Density:</b> Not available	<b>Specific Gravity (water = 1):</b> Not available
<b>Water Solubility:</b> Not available	<b>Coeff. Water/Oil Dist:</b> Not available

**\*\*\*Section 10 - STABILITY AND REACTIVITY\*\*\***

<b>Reactivity</b>	None known, based on information available
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	Incompatible products. Excess heat. Avoid dust formation.
<b>Incompatible materials</b>	Strong oxidizing agents. Acids.
<b>Hazardous decomposition products</b>	None under normal use conditions.





**\*\*\*Section 11 - TOXICOLOGICAL INFORMATION\*\*\***

Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Product Information**

acute toxicity;

**Oral**

Based on available data, the classification criteria are not met

**Dermal**

Based on available data, the classification criteria are not met

**Inhalation**

Based on available data, the classification criteria are not met

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Calcium carbonate	LD50 = 6450 mg/kg ( Rat )	> 2000 mg/kg (Rat) (OECD Guideline 402)	> 3 mg/L 4h (Rat) (OECD Guideline 403)

**skin corrosion/irritation;**

Based on available data, the classification criteria are not met

**Test method**

OECD 404

**Test species**

rabbit

**Observational endpoint**

No skin irritation

**serious eye damage/irritation;**

Based on available data, the classification criteria are not met

**Test method**

OECD 405

**Test species**

rabbit

**Observation end point**

No eye irritation

**respiratory or skin sensitization;**

**Respiratory**

Based on available data, the classification criteria are not met

**Skin**

Based on available data, the classification criteria are not met

**\*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\***

**Toxicity**

**Ecotoxicity effects**

Component	Freshwater Fish	Water Flea	Freshwater Algae
Calcium carbonate	LC50 > 56 g/L/96h		

**Persistence and degradability**

**Persistence**

Insoluble in water.

**Degradability**

Not relevant for inorganic substances.

**Bioaccumulative potential**

May have some potential to bioaccumulate

**\*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\***

**Waste treatment methods**

**Waste from Residues/Unused Products**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

**Contaminated Packaging**

Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

**European Waste Catalogue (EWC)**

According to the European Waste Catalog, Waste Codes are not product specific, but application specific.

**Other Information**

Waste codes should be assigned by the user based on the application for which the product was used.

**\*\*\*Section 14 - TRANSPORT INFORMATION\*\*\***

**US DOT Information**

No Classification assigned.

**TDG Information**

No Classification assigned.

**ADR Information**

No Classification assigned.

**RID Information**

No Classification assigned.

**IATA Information**

No Classification assigned.

**ICAO Information**

No Classification assigned.

**IMDG Information**

No Classification assigned.

**\*\*\*Section 15 - REGULATORY INFORMATION\*\*\***

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

Regulation (EC) n. 1272/2008 (CLP) and amendments

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II): N.A.

Chemical safety assessment No

**\*\*\*Section 16 - OTHER INFORMATION\*\*\***

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text