

MSDS

Description: 75045 Chalk Line

Date: 04/12/2012

Section 1 - Chemical and corporate identity

Description: Chalk

Company: Draper Tools Ltd

Address: Hursley Rd, Chandlers Ford, Eastleigh, Hants.

Post code: SO53 1YF

Draper Helpline +44 (0) 2380 494344

Effective date: 04/12/2012

Section 2 - Hazards identification

Classification of hazards: According to GB 13690-2009 "chemical classification and hazard communication general rule", the classifications are severe eye injury/eye irritation, the 2B class

The hazards not listed in above classification, then is not applicable or can not be classified

Invading way: inhaled, swallowed, eyes and skin contact

Health hazard: cause eye irritation

Environment hazard: no data available

Danger explosive: no

Section 3 - Composition/information on ingredients

Chemical description: chalk

Elements	Contents	CAS NO.	EC NO.
Calcium carbonate	60%	471-34-1	207-439-9
Pigment(iron oxide yellow, iron oxide red, ultramarine)	40%	51274-00-1/1332-37-	257-098-5/215-570-8

Section 4 - First aid measures

In case of skin contact: Wash off with soap and plenty of water more than 15mins, if irritation occurs, please seek medical attention

In case of eye contact: rinse the eyes for 15 minutes if it splashes in. If the eyes are still very afflictive, please seek medical attention.

If inhaled: If breathed in, move person into fresh air. If you feel that it is difficult to breath, please offer oxygen

If swallowed: If stay awake, Rinse mouth with warm water. Consult a physician.

Section 5 - Firefighting measures

Danger explosive: not explosive substance

Suitable extinguishing media: - Water spray, dry chemical powder, carbon dioxide, or appropriate foam

Fire precautions and measures: Fire fighter should wear self-contained breathing apparatus for fire-fighting

Wear fire-fighting uniform to prevent skin and eye contact.

Section 6 - Accidental release measures

Emergency Handling - The operator should protect self properly, collect the chalk into dry, clean bottle with lid, avoid raising dust.

After cleaning, make sure well ventilated and spray water.

Environmental protection precautions - Do not let product enter drains

Section 7 - Handling and storage

Precautions for safe handling: staff should be trained, strictly follow the procedure.

Suggest staff wear personal protection uniform and gloves.

Avoid inhaling, and eye/skin contact. Avoid forming dust. Away from fire, heat/hot source.

No smoking on work site.

Keep ventilation systems and equipment on while working.

Avoid making contact with strong oxidants and acids.

Carry gently to avoid package leak and get wet.

Storage measures: store in cool, dry and vented warehouse. Keep containers sealed.

Away from fire and hot source.

Keep strong oxidant, acids away and stored. Equip with certain q'ty fire equipments, spill contingency equipments and proper pack case.

Make sure have enough fire equipment and spill contingency equipments.

Section 8 - Contact control/personal protection

Maximum allowable concentration: no standard

Monitor method: no

Measures: Keep vent equipment open while working, provide shower and eye wash equipments.

Breath system protection: if necessary wear qualified mask

Eye protection: wear chemical safety goggles.

Body protection: wear work uniform

Hands protection: wear protective gloves

Other protection: No smoking, no food and drink on work site. After work, take shower and change.

Section 9 - physical and chemical properties

Appearance and shape: light brown red, blue and yellow powder

Smell: slightly smelly

Melting point: > 350°C (light red brown)

> 350°C(yellow)

> 350°C(blue)

PH: 9.2 (25°C, 50.0g/L) (light red brown)

9.8(25°C, 50.0g/L) (yellow)

10.1 (25°C, 50.0g/L) (blue)

Solubility -slightly dissolve water

Section 10 - stability and reactivity

Stability: stable under normal temperature and pressure

Conditions to avoid: exposing in humid environment it ay affect product quality

Substance to avoid: strong oxidants, acids

Polymerization hazard: no polymerization

Harmful decomposition product:Calcium oxidant, C₀₁, C₀₂, Iron oxidant

Section 11 - Toxicological information

Acute toxicity: calcium carbonate, Oral toxicity of rats LD₅₀, 6450mg/Kg

Skin corrosion/irritation: calcium carbonate, skin - home rabbit - no irritation

Serious eye damage/eye irritation:calcium carbonate, skin - home rabbit - slightly irritation

Section 12 - Ecological information

Toxicity: no data available

Persistence and degradability: no data available

Bio-accumulative - no data available

Mobility in soil: no data available

Section 13 - Disposal

Waste treatment methods: before disposition please refer to local environment dpt policy/law, suggest to hand over to qualified chemical waste disposal department to handle.

Section 14 - Transport information

Hazard classification: No

UN ref.: No

Package identification: No

Package classification: No

Section 15 - Regulation information

Domestic regulation: Not listed in GB 12268-2005 "hazard products list"

Not listed in "hazard chemicals" 2002 revision

Not listed in "railway hazards products list" 2009 revision

Section 16 - Other information

None