

LogiPol CS60**1. IDENTIFICATION OF SUBSTANCES / MIXTURE AND OF THE COMPANY / UNDERTAKING****Product Identifiers**

Product Name: **LogiPol CS60**
Alternative names: Colloidal Silica Polishing Compound
Product code: Test Product

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Abrasive lapping or polishing powder.
Uses advised against: This product is to be used only for the purpose stated above.

Details of the supplier of the safety data sheet

Manufacturer: Logitech Ltd
Erskine Ferry Road
Old Kilpatrick
Glasgow
G60 5EU
Scotland, UK

Telephone +44 (0) 1389 875444
E-mail coshh.info@logitech.uk.com

Emergency telephone number

+44 (0) 1389 875444 (09:00 – 17:00 Monday to Friday)

2. HAZARDS IDENTIFICATION**Classification of the substance or mixture**

This material is a mixture

Classification according to Regulation (EC) 1272/2008 (EU 'CLP' regulation) as amended:

Not classified as hazardous

Classification according to CHIP and EU Directives 67/548/EEC or 1999/45/EC

Not classified as dangerous

Label elements**Labelling elements according to Regulation (EC) 1272/2008 (EU 'CLP' regulation)**

No labelling required under these regulations

Labelling elements according to CHIP and EU Directives 67/548/EEC or 1999/45/EC

No labelling required under these regulations

Other hazards

High levels of dust may be irritating to the respiratory tract or may cause skin irritation by mechanical action.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This material is a mixture.

There are no hazardous substances present at or above threshold limits:

Component	CAS No.	EC No.	%
Silicon Dioxide	7631-86-9	262-373-8	50% - 60%
Deionised Water	7732-18-5	231-791-2	40% - 50%
<i>Classification according to CHIP and EU Directives 67/548/EEC or 1999/45/EC:</i> Not classified as dangerous			
<i>Classification according to Regulation (EC) 1272/2008 (EU 'CLP' regulation) as amended:</i> Not classified as dangerous			

4. FIRST AID MEASURES

Description of first aid measures

General advice

Remove from source of exposure. This product is not chemically reactive. Any health effects from exposure are likely to be due to mechanical action.

Inhalation.

If inhaled, immediately remove the affected person to fresh air. Seek medical attention.

Ingestion

If material is swallowed, get immediate medical attention or advice. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Skin contact

Wash affected area with a waterless hand cleaner and/or soap and water. If irritation persists, consult a physician.

Eye contact

In case of contact with eyes, rinse immediately with plenty of water for 15 minutes. If irritation persists, consult a physician.

Most important symptoms and effects, both acute and delayed

No specific effects and/or symptoms have been reported or are known.

Indication of any immediate medical attention and special treatment needed

None

5. FIRE-FIGHTING MEASURES

Extinguishing media

Product is not flammable.

Use dry chemical, foam, carbon dioxide (CO₂), water fog

Special hazards arising from the substances or mixture

No information available for this product

Advice for fire fighters

Fire-fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire-fighters should avoid inhaling any combustion products.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes (may cause irritation by mechanical action)

Environmental precautions

Minimise release to environment. This product is not environmentally harmful but release to the environment must not be considered as a disposal route.

Methods and material for containment and cleaning up

Stop the flow of material, if this is without risk. Wear appropriate protective equipment and clothing during clean up. Absorb spill with inert material. Shovel material into appropriate container for disposal.

Reference to any other sections

See section 13 for disposal information

7. HANDLING AND STORAGE

Precautions for safe handling:

Minimise skin and eye contact to prevent irritation by mechanical action. Observe good industrial handling practices and wash thoroughly after handling.

Provide adequate ventilation

Conditions for safe storage, including any incompatibilities

No special requirements

Specific end use(s)

None identified

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure limits:

The UK Workplace Exposure Limit (WEL) for general (nuisance) dust applies to this material:

Inhalable dust LTEL 10 mg/m³ (8 hr TWA)

Respirable dust LTEL 4 mg/m³ (8 hr TWA)

Other exposure limits may be specified in individual countries. Check national legislation for appropriate exposure limits.

Exposure should be controlled to avoid exceeding the specified limits.

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available

Exposure controls

Appropriate engineering controls

Ventilation should effectively remove and prevent build-up of any vapour or mist generated from the handling of this product.

Personal protective equipment

If the exposure limit is exceeded or users experience irritation or discomfort then the use of PPE may be necessary:

Eye / face protection

EN approved safety glasses with side shields, box goggles, or, a full face shield.

Skin protection:

Use impervious gloves. Use of impervious apron and boots are recommended.

Respiratory protection:

If ventilation is not sufficient to effectively prevent the build-up of aerosols or vapours, appropriate respiratory protection must be provided. Follow manufacturer's recommendation or seek expert advice. HSE document HSG 53 provides some guidance

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemicals properties

Appearance:	Milky-white liquid
Odour:	None
Odour threshold:	not applicable
pH:	9
Melting point:	0 °C
Boiling point:	100 °C
Flash point:	not applicable
Evaporation rate	information not available
Flammability	not applicable
Upper/lower explosive limits	not applicable – non flammable / non explosive

Vapour pressure	information not available
Vapour density	information not available
Density	information not available
Solubility in water:	Dispersible.
Solubility in other	
Ingredients:	information not available
Partition coefficient	
Octanol/water:	information not available
Auto-ignition temperature	not applicable – non flammable / non explosive
Decomposition temperature	information not available
Viscosity	low
Explosion properties:	not applicable – non flammable / non explosive
Oxidising properties:	information not available.

Other information

Do not freeze

10. STABILITY AND REACTIVITY

Reactivity

Not reactive to materials commonly used in the transportation, handling and storage.

Chemical stability

Stable at room temperature.

Possibility of hazardous reactions

No hazardous reactions known

Conditions to avoid

None identified

Incompatible materials

None identified

Hazardous decomposition products

None identified

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity	no data available.
Skin corrosion/irritation	Not absorbed through the skin. Prolonged or repeated contact may cause dermatitis.
Indigestion	May cause irritation of the digestive tract.
Serious eye damage/ eye irritation	Slightly irritating, high concentrations can cause conjunctivitis, not corrosive. May cause temporary eye irritation
Respiratory or skin sensitisation	Spray mist or dry dust may cause congestion, coughing, granuloma in lungs.
Germ cell mutagenicity	no data available.
Carcinogenicity	not listed as a carcinogen.
Reproductive toxicity	no data available.
Specific target organ toxicity – Single exposure	no data available.
Specific target organ toxicity – Repeated exposure	no data available.
Aspiration hazard	no data available

Further information

See RTECS entry for complete information.

12. ECOLOGICAL INFORMATION

Toxicity

Acute toxicity for fish	no data available
Acute toxicity for crustacea	no data available

Acute toxicity for algae no data available

Persistence and biodegradability

Data not available.

Bioaccumulative potential

Data not available. Not expected to be bioaccumulative.

Mobility

This product is water soluble and may spread in water systems.

Results of PBT and vPvB assessment

No components are classified as PBT or vPvB.

Other adverse effects

This product is not expected to be hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Dispose of waste material according to environmental regulations.

Packaging

Dispose of contaminated as residue.

14. TRANSPORT INFORMATION

UN number

Not a dangerous good

UN proper shipping name

Not a dangerous good

Transport hazard class(s)

Not a dangerous good

Packing group

Not a dangerous good

Environmental hazards

Not a dangerous good

Special precautions for user

None identified

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

No information available

15. REGULATORY INFORMATION

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EC) No 1907/2006 as amended by regulation (EU) No 453/2010.

Workplace exposure Limits given in section 8 have been taken from the UK HSE document: EH40/2005 Workplace exposure limits as amended.

Relevant regulations:

Regulation (EC) 1272/2008 (EU 'CLP' regulation)

Regulation (EC) 790/2009 First Adaptation to Technical Progress (ATP) for CLP regulation

Regulation (EC) 286/2011 Second Adaptation to Technical Progress (ATP) for CLP regulation

EU Directive 67/548/EEC ('Dangerous Substances Directive')

Regulation (EC) No 1907/2006 ('REACH')

Regulation (EU) No 453/2010.

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

None identified

Chemical safety assessment

A Chemical Safety Assessment has not been undertaken for this product.

16. OTHER INFORMATION**Changes from previous version (version 2):**

- a) Section 1 Additional product identifier information provided
- b) Section 2 Labelling information now provided in accordance with both CHIP and CLP regulations

The information contained in the Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, storage, transportation and disposal. It is not intended as a warranty or specification. The information relates only to the product specified and may not be suitable for combinations with other materials.