

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: 0CON-510,511

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

Identified uses: Polishing agent for surfaces
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

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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.	%
Silica, Synthetic Amorphous	7631-86-9	262-373-8	45 - 55
Water	7732-18-5	231-791-2	45 - 55
<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 soiled/soaked clothing immediately. If you do not feel well, seek medical attention (show the label when possible).

Inhalation.

If inhaled, immediately remove the affected person to fresh air. If difficulty breathing, give oxygen (if available). Seek medical attention.

Ingestion

Rinse mouth. Seek medical attention if symptoms occur.

Skin contact

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

Eye contact

In case of contact with eyes, rinse immediately with plenty of water while keeping unaffected eye well protected. 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

Water spray jet; foam; dry powder; carbon dioxide; product itself is non-combustible; fire extinguishing method of surrounding areas must be discussed.

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

Refer to Section 8: Exposure Controls/Personal Protection.

Environmental precautions

Do not allow entry to drains, waterways, or soil.

Methods and material for containment and cleaning up

Pick up with inert absorbent material. Keep in suitable, closed containers for disposal. Dispose of absorbed material in accordance with local regulations.

Reference to any other sections

See section 13 for disposal information

7. HANDLING AND STORAGE

Precautions for safe handling:

Provide good ventilation of working area (local exhaust ventilation if necessary).

Wear respiratory protection when spraying.

Conditions for safe storage, including any incompatibilities

Keep only in unopened original container.

Use polyolefin containers.

Do not use steel containers.

Keep container tightly closed and dry in a cool, well-ventilated place. Protect against frost. The product after freezing is no longer usable.

Specific end use(s)

Determined by user.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Components with workplace control parameters:

Components	CAS No	Control Parameters	Basis
Silica, Synthetic Amorphous	7631-86-9	TWA: 20 million particles/cubic foot TWA: 80 mg/m ³ / %SiO ₂ TWA: 6 mg/m ³	OSHA Z3 OSHA Z3 NIOSH REL

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available

Exposure controls

Appropriate engineering controls

Provide good ventilation of working area (local exhaust ventilation if necessary).

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

Tightly fitting safety glasses

Skin protection:

Protective clothing

Respiratory protection:

Use respiratory protection in case of insufficient exhaust

Hygiene measures:

When using do not eat, drink or smoke. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Remove and wash contaminated clothing before reuse.

Protective measures:

Avoid contact with eyes and skin. Observe the usual precautions for handling chemicals.

Environmental exposure controls

Do not allow entry to drains, water courses or soil.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemicals properties

Appearance:	Liquid, white
Odour:	None
Odour threshold:	not applicable
pH:	approx 8 – 9 at 20 °C
Melting point:	not applicable
Boiling point:	100 °C
Freezing point:	0 °C
Flash point:	Water-based material containing no combustible components. Compatible with extinguishing agents.
Evaporation rate	not determined
Flammability	not determined
Upper/lower explosive limits	not applicable – non flammable / non explosive
Vapour pressure	not determined
Vapour density	not determined
Density	information not available
Solubility:	Miscible in all proportions
Partition coefficient	
Octanol/water:	information not available
Auto-ignition temperature	not determined
Decomposition temperature	not determined
Viscosity	not determined
Explosion properties:	not applicable – non flammable / non explosive
Oxidising properties:	information not available.

Other information

No further relevant information

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

No decomposition if stored and applied as directed.

Possibility of hazardous reactions

No hazardous reactions known under conditions of normal use.

Conditions to avoid

Protect from freezing or frost

Incompatible materials

None identified

Hazardous decomposition products

No decomposition if stored and applied as directed

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Data for Silica, Amorphous (7631-86-9)

Acute oral toxicity:	LD50 > 40,000 mg/kg (rat)
Acute inhalation toxicity:	LC50 > 2.2 mg/l (rat)
Acute dermal toxicity:	LD50 > 5,000 mg/kg (rat)
Skin irritation:	Prolonged and/or repeated skin contact may cause irritation.

Eye irritation: Short time, reversible irritation

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

This product consists of mainly inorganic substances for which biodegradation values are not applicable.

Bioaccumulative potential

Data not available.

Mobility in soil

Data not available

Results of PBT and vPvB assessment

No components are classified as PBT or vPvB.

Other adverse effects

No further relevant information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Dispose of waste material according to environmental regulations.

Packaging

Contaminated packaging should be emptied as far as possible and taken to approved waste handling site for disposal.

14. TRANSPORT INFORMATION

DOT : Not dangerous goods

IATA : Not dangerous goods

IMDG : Not dangerous goods

TDG : Not dangerous goods

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

United States : The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

Chemical safety assessment

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

16. OTHER INFORMATION

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.