

1. IDENTIFICATION OF SUBSTANCES / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifiers

Product Name: **Logipol 3micron CMD30**
Alternative names: **Logipol 3micron Colloidal Mono Diamond 30**
Product code: 0CON-508 & 0CON-509

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

Identified uses: Abrasive lapping or polishing slurry.
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 hazardous

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

No information available.

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.	%
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Diamond Powder	7782-40-3	231-953-2	16%
Deionized Water	7732-18-5	231-791-2	84%
<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 advice.

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 person experiences continued irritation seek medical advice.

Eye contact

In case of contact with eyes, rinse immediately with plenty of water for 15 mins. If irritation persists please seek medical attention.

Seek medical advice in the event of continued irritation or other complaints.

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

Dry chemical, foam, carbon dioxide (CO₂), water fogg.

Special hazards arising from the substances or mixture

In dry dust form, this material is a powerful oxidizer at very high temperatures and can react with combustible organic or readily oxidizable materials.

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

Wear appropriate protective equipment and clothing during clean up. Absorb spill with inert material. Shovel material into appropriate container for disposal.

Avoid contact with skin and eyes. Observe good industrial hygiene practices and wash thoroughly after handling.

Environmental precautions

Local exhaust is recommended. Keep unnecessary personnel away.

Methods and material for containment and cleaning up

Stop the flow of the 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:

Avoid contact with skin and eyes. Observe good industrial hygiene practices and wash thoroughly after handling. Work practices should minimise contact and local exhaust is recommended.

Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a cool, well-ventilated place away from incompatible materials. Keep from freezing.

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/m ³ (8 hr TWA)
Respirable dust	LTEL	4 mg/m ³ (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

Ventillation should effectively remove and prevent buildup of any vapour or mist generated from the handling of this product.

Personal protective equipment

Eye / face protection

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

Skin protection:

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

Replace gloves before the inner surface becomes contaminated.

Respiratory protection:

If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH / MSHA respiratory protection must be provided.

Wear a EN149 approved respirator fitted with a particle filter (filter type P1, P2 or P3).

The correct selection, fitting, use, storage and maintenance of respiratory protective equipment is important. 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:	Off white to light grey; semi-opaque; or colour-coded: red, orange, blue, green, purple, brown
Physical state	Liquid
Odour:	None

Odour threshold:	not applicable
pH:	6 - 8
Melting point:	0°C (32°F)
Boiling point:	100°C (212°F)
Flash point:	not applicable
Evaporation rate	Information not available
Flammability	non flammable
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
Decomposition temperature	information not available
Viscosity	200 – 225 cps
Explosion properties:	not applicable – non flammable / non explosive
Oxidising properties:	Not oxidising.

Other information

No additional data available

10. STABILITY AND REACTIVITY

Reactivity

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

Chemical stability

This is a stable material

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	prolonged contact may cause skin irritation High .
Serious eye damage/ eye irritation	may cause temporary eye irritation. High concentrations may cause conjunctivitis.
Respiratory or skin sensitisation	not relavent at room temperature. Spary mist or dry dust May cause congestion, coughing, granuloma in lungs. Very low toxicityby absorbaton.
Ingestion	no harmful effects expected in amounts likely to be ingested by accident. Very low toxicity.
Germ cell mutagenicity	no data available.
Carcinogenicity	not listed as a carcinogen by IARC / NTP / OSHA.
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

Not expected to be bioaccumulative.

Mobility in Soil

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 product as non-hazardous waste in accordance with local, national and international legislation, using an approved registered waste disposal company.
The European Waste Code will depend upon the use of the product and cannot be specified here.

Packaging

Clean or contaminated packaging can be disposed of as general waste: European Waste Code 15 01 xx (xx will depend upon the type of packaging e.g. plastic, cardboard etc. Refer to European Waste Catalogue).

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

Document origination: March 2014

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.