

1. IDENTIFICATION OF SUBSTANCES / MIXTURE AND OF THE COMPANY / UNDERTAKING**Product Identifiers**Product Name: **LogiPol CS20**Product code: **0CON-507****Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Polishing Compound

Uses advised against: This product is to be used only for the purpose stated above.

Details of the supplier of the safety data sheetManufacturer: Logitech Ltd
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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 substance

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

Skin irritation	Category 2	H315 - Causes skin irritation
Skin Sensitisation	Category 1	H317 - May cause an allergic skin reaction
Eye Irritation	Category 2	H319 - Causes serious eye irritation
Acute toxicity	Category 3	H301 - Toxic if Swallowed
Acute toxicity - Inhalation	Category 4	H332 - Harmful if inhaled
Specific Organ Toxicity	Category 2	H335 - May cause respiratory irritation
Specific Organ Toxicity	Category 2	H336 - May cause drowsiness or dizziness

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

Symbol(s) Warning

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

Pictogram (s):

**Signal Word: WARNING**

Hazard Statements

Not expected to present a hazard in normal industrial use.
Eye Contact: May cause irritation, tearing or blurred vision
Skin Contact: Repeated or prolonged skin contact may cause irritation.
Vapour and mist may irritate nose and throat. Prolonged inhalation may cause dizziness.
May cause gastrointestinal irritation, dizziness, malaise, uraemia, central nervous system depression, and kidney damage which may be fatal. Nausea and vomiting may occur.
Individuals with pre-existing skin disorders or eye problems or impaired liver or kidney function may be more susceptible to the effects of the chemical.
Target Organs: Respiratory passages at high temperatures, eyes and skin.

Precautionary Statements

Follow local government or state regulations for waste disposal.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Immediately call a POISON CENTER or doctor
Do NOT induce vomiting.
Give large quantities of water or milk.
IF IN EYES: Flush thoroughly with water for at least 15 minutes. Get immediate medical attention.
IF ON SKIN: Remove contaminated clothing and shoes. Wash exposed area with soap and water. Get medical attention if symptoms persist.
INHALATION: If symptoms develop, remove effected person from the source of exposure into fresh air. Get immediate medical attention.

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

Symbol:



Indication of Danger: IRRITANT
Risk phrases: Irritating to skin
May cause sensitisation by skin contact
May cause respiratory irritation
Safety phrases: Avoid breathing in mist or dried dust.
General ventilation is usually adequate.
Avoid contact with skin - wear chemical protective gloves.
Wear safety glasses or chemical goggles
Wear suitable gloves
Never eat, drink or smoke in work areas.
Other hazards No information available

3. COMPOSITION / INFORMATION ON INGREDIENTS

This material is a substance

Component	CAS No.	EC No.	%
SiO ₂ (amorphous silica)	7631-86-9	No Data	No Data
Sodium Dioxide	1313-59-3	No Data	No Data
Deionised Water	7732-18-5	No Data	No Data
Polyethylene Glycol	25322-68-3	No Data	No Data

4. FIRST AID MEASURES

Description of first aid measures

General advice

Remove from source of exposure.

Inhalation

Remove from exposure. If there are signs of irritation or difficulty breathing seek immediate medical attention.

Ingestion

Wash out mouth thoroughly with water. Drink plenty of water or milk. Do not induce vomiting. Seek medical attention

Skin contact

Wash immediately with soap and water. Remove all contaminated clothing and shoes. In the event of irritation, rashes or other complaints, seek medical attention

Eye contact

Rinse immediately, including under the eye lids, with plenty of water for at least 15 minutes. Obtain medical attention.

Most important symptoms and effects, both acute and delayed

This material can cause skin sensitisation and/or respiratory irritation.

Indication of any immediate medical attention and special treatment needed

None

5. FIRE-FIGHTING MEASURES

Flash Point: NA

Extinguishing media

Suitable extinguishing media: CO₂, Foam, Dry Chemical, Water Spray.

Unsuitable extinguishing media: None

Advice for fire fighters

Wear approved positive pressure self-contained breathing apparatus with full protective clothing. Do not release runoff from fire control methods to sewers or waterways. This product will not burn.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep people away from the spillage.

Ventilate area of leak or spill.

Wear protective clothing.

Environmental precautions

Do NOT allow to enter sewers, drains or waterways.

Methods and material for containment and cleaning up

For large spills, dike far ahead of liquid spill for later disposal. Wear protective clothing. Absorb spilled liquid with non-reactive absorbent material, place clean-up material in appropriate disposal containers and dispose in accordance with local, national and international legislation, using an approved registered waste disposal company.

Reference to any other sections

See section 8 for information on Personal protective equipment (PPE)
See section 13 for disposal information

7. HANDLING AND STORAGE

Precautions for safe handling:

Exercise ordinary care in handling industrial lubricants. Avoid contamination of cigarettes and other tobacco products. Wash hands thoroughly before eating or smoking. Remove contaminated clothing and wash before reuse. Avoid breathing dust and mists. Users should be alert to the possibility that very small percentages of the population may display unexpected allergic reactions to otherwise innocuous industrial lubricants and raw materials.

Conditions for safe storage, including any incompatibilities

Do not store in open or unlabelled containers. Store in well ventilated, properly drained/contained site, away from heat, out of the sun, and away from combustibles and reactive chemicals. Use only approved containers and protect containers from damage and keep material from freezing.

Specific end use(s)

None identified

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

General ventilation is usually adequate.
Exposure limits may be specified in other 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

Use ventilation (natural or forced) or extraction to maintain a low level of airborne vapour, especially in confined spaces.

Personal Protective Equipment (PPE).

Should PPE be necessary to control exposure, use;

Eye / face protection

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

Skin protection:

Chemically impervious gloves suitable for use with limonene e.g. Nitrile gloves. Follow manufacturer recommendations on inspection and replacement.
Fabric gloves or gloves with seams are not suitable.

Wear plastic aprons, plastic arm protectors and safety boots / Wellingtons if handling large quantities.

Respiratory protection:

If engineering measures fail to maintain a very low airborne concentration of the product wear an EN149 approved respirator fitted with a suitable organic vapour filter (Filter type A will offer some protection).

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

The use of respiratory protection should only be considered as a short term safety measure until effective engineering controls are implemented.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemicals properties

Appearance:	White liquid
Physical State:	Liquid
Odour:	Slight amine or ammonia
Odour threshold:	information not available
pH:	information not available
Melting point:	information not available
Freeze point:	< 32 ° F
Boiling point:	100 °C
Flash point:	N/A
Evaporation rate	Water
Flammability	Does not burn
Upper/lower explosive limits	information not available
Vapour pressure	24 mm HG @ 25 C
Vapour density	Unknown
Gravity	1.15 - 1.25
Log P (o/w)	information not available
Solubility in water:	100 WT%
Solubility in other	
Ingredients:	information not available
Partition coefficient	
Octanol/water:	information not available
Auto-ignition temperature	information not available
Decomposition temperature	information not available
Viscosity	Low
Ignition temperature	information not available
Oxidising properties:	information not available

Other information

No additional data available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable at room temperature in closed containers under normal storage and handling conditions.

Incompatibility

Strong oxidizing materials, hypochlorites, chlorine.

Conditions to avoid

Strong acids and bases. Heat source. Freezing conditions.

Hazardous decomposition products

Steam CO₂, CO and unidentified organic compounds in fumes and smoke may be formed during combustion.

Hazardous Polymerisation

This product will not undergo hazardous polymerisation.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity	Oral: LD 50 (rat): > 10,000 mg / kg Inhalation: LC50 (rat) > 150mg/L
Skin corrosion/irritation	May cause moderate irritation. Dries skin.
Serious eye damage/ eye irritation	Eye irritant. Moderately irritating to eyes.
Respiratory or skin sensitisation	may cause skin sensitisation by contact.
Germ cell mutagenicity	No evidence of mutagenic activity
Reproductive toxicity	Considered to be secondary to maternal toxicity in animals.
Ingestion effect:	Can cause kidney damage
Chronic effects:	Not established
Carcinogenicity:	Not carcinogenic in animal studies

12. ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity:

Information not available

Persistence and biodegradability:

Information not available

Bio accumulative potential:

Data not available.

Mobility in Soil:

Disperses in water.

Environmental Fate and effects:

Information not available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Dispose of product as 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

Rinse three times with an appropriate solvent or water. Dispose or recycle the container.

14. TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA
UN proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard class(s)	NA	NA	NA

Packing group	NA	NA	NA
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Marine pollutant - No

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.

DSEAR: Dangerous Substances and Explosive Atmospheres Regulations 2002

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) Change of name (MSDS Title, section 1 and page footers)
- b) Section 2
 - Provision of Hazard statement in CLP classification
 - Removal of S and H reference numbers in labelling information
 - Provision of CHIP labelling 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.