

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

**Product Identifiers**

Product Name: **Oil Based Suspension Fluid**  
Product code: OCON-128

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

Identified uses: Oil based liquid for the preparation of polishing suspensions.  
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)

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**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:**

Aspiration hazard Category 1  
H304 May be fatal if swallowed and enters airways.

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

Symbol(s) Xn - Harmful  
Risk phrase(s) R65 - Harmful: may cause lung damage if swallowed.

**Label elements**

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

Pictogram (s):



Signal Word: **DANGER**

Hazard Statements

May be fatal if swallowed and enters airways

Precautionary Statements

IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.  
Do NOT induce vomiting.

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

Symbol:



Indication of Danger:	HARMFUL
Risk phrases:	Harmful: may cause lung damage if swallowed
Safety phrases:	Do not breathe fumes/vapour/spray Avoid contact with skin If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
Contains	Kerosine,hydrodesulphurised (CAS No. 64742-81-0) Kerosine (CAS No. 8008-20-6)

### Other Hazards

Slightly irritating to respiratory system.

Breathing of high vapour concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache and nausea.

Although not classified as flammable, heating (including welding or cutting operations) can produce oil vapour / mist that can form an explosive mixture with air.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

This material is a mixture.

Hazardous substances present at or above threshold limits:

Component	CAS No.	EC No.	%
<b>Kerosine (petroleum),hydrodesulphurised</b>	<b>64742-81-0</b>	<b>265-184-9</b>	<b>0 - 100</b>
<i>Classification according to CHIP and EU Directives 67/548/EEC or 1999/45/EC:</i> Xn, HARMFUL R65 Harmful: may cause lung damage if swallowed			
<i>Classification according to Regulation (EC) 1272/2008 (EU 'CLP' regulation) as amended:</i> Aspiration toxicity Category 1 H304 May be fatal if swallowed and enters airways.			
<b>Kerosine</b>	<b>8008-20-6</b>	<b>232-366-4</b>	<b>0 -100</b>
<i>Classification according to CHIP and EU Directives 67/548/EEC or 1999/45/EC:</i> Xn, HARMFUL R65 Harmful: may cause lung damage if swallowed			
<i>Classification according to Regulation (EC) 1272/2008 (EU 'CLP' regulation) as amended:</i> Aspiration toxicity Category 1 H304 May be fatal if swallowed and enters airways.			

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### 4. FIRST AID MEASURES

#### Description of first aid measures

##### General advice

Remove from source of exposure.

**Inhalation**

Inhalation of liquid into lungs – seek immediate (emergency) medical attention  
Inhalation of vapour / mist. Remove from exposure to fresh air. If difficulty breathing, or irritation experienced, seek medical advice

**Ingestion**

DO NOT induce vomiting. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

**Skin contact**

Wash area with soap and water then rinse thoroughly with water. If person experiences continued irritation seek medical advice.

Remove contaminated clothing and launder before re-use.

**Eye contact**

Wash out with plenty of water. After initial flushing, remove any contact lenses and continue flushing.

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

**Most important symptoms and effects, both acute and delayed**

If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. The onset of respiratory symptoms may be delayed for several hours after exposure.

**Indication of any immediate medical attention and special treatment needed**

Seek immediate (emergency) medical attention if material is suspected of having entered the lungs.

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**5. FIRE-FIGHTING MEASURES****Extinguishing media**

Suitable extinguishing media: Water spray, alcohol resistant foam, dry extinguishing powder, carbon dioxide

Unsuitable extinguishing media: Water jet (may cause splashing / foaming of burning material)

**Special hazards arising from the substances or mixture**

Product is based on organic materials. Combustion will produce carbon dioxide, carbon monoxide and irritating and toxic organic chemicals.

**Advice for fire fighters**

Product floats on water.

Wear self-contained breathing apparatus.

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**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Vapours are heavier than air and can travel along the ground. Minimise contact with skin – wear chemically impervious gloves (rubber, nitrile, PVC etc) when handling the material.

Avoid breathing fumes / vapour / mist. Ensure good ventilation or wear a respirator.

**Environmental precautions**

Do not allow to contaminate rivers, streams, other waterways, drains, soil or the remaining environment.

Use absorbent materials (spill kit materials, sand, absorbent granules, earth etc) to contain the spillage and prevent environmental contamination.

Advise local authorities immediately if significant spillages cannot be contained.

**Methods and material for containment and cleaning up**

Use absorbent materials (spill kit materials, sand, absorbent granules, earth etc) to soak up the spillage. Sweep or scrape the absorbed material into a sealable storage container. Treat residues as flammable.

Remove final residues with a water / detergent mixture, running the water to foul sewer (NOT surface water drains) or allow to evaporate naturally (provided there are no ignition sources present)

**Reference to any other sections**

See section 8 for Personal Protective Equipment (PPE)  
See section 13 for disposal information

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**7. HANDLING AND STORAGE**

**Precautions for safe handling:**

Minimise skin contact. Do not allow repeated or prolonged skin contact (this may lead to skin conditions including dermatitis).  
Clean contaminated skin with soap and water. Do NOT use solvents.  
Avoid breathing vapour / mist. Provide adequate ventilation or extraction if significant vapour / mist generated.

**Conditions for safe storage, including any incompatibilities**

This material will damage / soften / dissolve various plastics including Polyethylene (PE, HDPE), Polypropylene (PP), Polymethyl methacrylate (PMMA), Acrylonitrile butadiene styrene (ABS).  
Do not use these materials for storage.

**Specific end use(s)**

None identified

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Exposure limits**

There is no UK Workplace Exposure Limit (WEL) for this material.  
As with all materials, exposure should be minimised. Provide ventilation or extraction if significant vapour /mist is generated.

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available

**Exposure controls**

**Appropriate engineering controls**

Design equipment to prevent repeated or prolonged skin exposure.

**Personal protective equipment**

If PPE is necessary to control exposure use the following:

Respiratory protection	If significant oil vapour / mist generated (or irritation is experienced) use an EN149 approved respirator fitted with a combined particle and organic vapour filter (type AP). 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
Hand protection	Chemically impervious gloves suitable for use with kerosene / paraffin e.g. Nitrile gloves. Follow manufacturer recommendations on inspection and replacement.
Skin protection	Long sleeved clothing. Replace contaminated clothing before skin contact with oil occurs.
Eye protection	EN approved goggles or face shield if eye contact likely .

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemicals properties

Appearance:	Colourless to pale yellow liquid
Odour:	Mild, petroleum
Odour threshold:	information not available
pH:	information not available
Melting point:	information not available
Boiling point:	150 – 300 °C
Flash point:	>38 °C (Abel)
Evaporation rate:	information not available
Flammability:	information not available
Upper/lower explosive limits:	Upper – 6% available Lower – 1%
Vapour pressure:	< 0.1 hPa at 20 °C
Vapour density:	information not available
Density:	0.77 – 0.84 g/cm <sup>3</sup> @ 15 °C
Solubility in water:	Insoluble in water.
Solubility in other:	
Ingredients:	information not available
Partition coefficient:	
Octanol/water:	2 – 6 (log Pow)
Auto-ignition temperature:	> 220 °C
Decomposition temperature:	information not available
Viscosity:	1 - 2 mm <sup>2</sup> /s at 40 °C
Explosion properties:	information not available
Oxidising properties:	Not oxidising.

### Other information

No additional data available

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## 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

ignition sources

### Incompatible materials

Strong oxidising agents

### Hazardous decomposition products

Combustion will produce carbon dioxide, carbon monoxide and irritating and toxic organic chemicals.

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## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Acute toxicity	Based on the properties of the main components: Oral: LD 50 (rat): >2000 mg / kg Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. Dermal: LD 50 (rabbit): >2000 mg / kg Inhalation: LC 50 (rat): >5 mg/L /4 hr High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea. Continued inhalation may result in unconsciousness and/or death.
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Irritation	Expected to be irritating to the skin.
Corrosively	Expected to be slightly irritating to eyes and respiratory tract
Sensitisation	no data available
Repeated dose toxicity	Not a skin sensitiser.
Carcinogenicity	Kidney: caused kidney effects in male rats which are not considered relevant to humans
Mutagenicity	Not classified as carcinogenic
Toxicity for reproduction	Repeated skin contact has resulted in irritation and skin cancer in animals.
	Not considered a mutagenic hazard.
	Not classified as a developmental toxicant.

**Other information**

No data available

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## 12. ECOLOGICAL INFORMATION

### Toxicity

Based on information for the main components:

Acute toxicity for fish Toxic: LL/EL/IL50 > 1 <= 10 mg/l

Acute toxicity for crustacea Toxic: LL/EL/IL50 > 1 <= 10 mg/l

Acute toxicity for algae Toxic: LL/EL/IL50 > 1 <= 10 mg/l

### Persistence and biodegradability

Expected to be biodegradeable.

### Bioaccumulative potential

Contains constituents with the potential to bioaccumulate.

### Mobility in Soil

Floats on water. Contains volatile constituents. Evaporates within a day from water or soil surfaces.

### Results of PBT and vPvB assessment

Data not available

### Other adverse effects

Data not available

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## 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 (consider 13 08 99).

#### Packaging

Clean 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). Recycle such waste wherever possible.

Contaminated packaging / containers must be disposed of as hazardous waste

Containers previously used to store this product that are now free of the product (residues will evaporate) can be disposed of as general (non-hazardous) waste. Recycle such containers where possible.

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## 14. TRANSPORT INFORMATION

### UN number

1223

	ADR/RID	IMDG	IATA
UN proper shipping name	KEROSINE	KEROSINE	KEROSINE
Transport hazard class(s)	3	3	3
Packing group	III	III	III

### Environmental hazards

IMDG Marine pollutant: Yes

### Special precautions for user

None identified

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

No information available

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## 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.

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## 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.