



**SAFETY DATA SHEET**  
**Keystone Oil Blue Dye**

Date: January 2012

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

**Product Identifiers**

Product Name: **Keystone Oil Blue Dye**

Product code: OCON-241

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

Identified uses: Dye for staining samples and 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

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 substance

**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**

No information available.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Mixtures**

This material is a substance.

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

Component	CAS No.	EC No.	%
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<b>Organic Compound (Dye)</b>	-	-	<b>100</b>
<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			

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#### 4. FIRST AID MEASURES

##### Description of first aid measures

##### General advice

Remove from source of exposure.

##### Inhalation

Inhalation of powder: move person to fresh air, blow nose thoroughly. If person experiences irritation or difficulty breathing seek medical advice

##### Ingestion

Drink plenty of water. If person experiences discomfort seek medical advice

##### Skin contact

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

##### 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

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

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

None

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#### 5. FIRE-FIGHTING MEASURES

##### Extinguishing media

Suitable extinguishing media: Water spray, sand, extinguishing powder, CO<sub>2</sub>.

Unsuitable extinguishing media: None

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

This product is an organic compound. Combustion may produce irritating or toxic by-products including carbon monoxide and nitrogen oxides.

##### Advice for fire fighters

Use self-contained breathing apparatus.

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#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

Minimise contact with skin and eyes

##### 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

Dampen with water and sweep up spillage, transfer to a storage container.

Minimise dust generation.

**Reference to any other sections**

See section 13 for disposal information

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**7. HANDLING AND STORAGE**

**Precautions for safe handling:**

Minimise skin and eye contact  
Avoid breathing dust.

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

No special requirements

**Specific end use(s)**

None identified

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**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 <sup>3</sup> (8 hr TWA)
Respirable dust	LTEL	4 mg/m <sup>3</sup> (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**

Use ventilation (natural or forced) or extraction to reduce exposure to below the exposure limit.

**Personal protective equipment**

Under normal conditions of use is not expected that PPE will be necessary.

If irritation or discomfort is experienced use:

**Respiratory protection** a respirator fitted with a particle filter (filter type P1, P2 or P3).

**Hand protection** Wear protective gloves (all types suitable provided they are replaced before the inner surface becomes contaminated with the product)

**Skin protection** Long sleeved clothing.

**Eye protection** EN approved goggles or face shield.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemicals properties**

Appearance:	dark blue powder
Odour:	information not available
Odour threshold:	information not available
pH:	information not available
Melting point:	170 °C

Boiling point:	information not available
Flash point:	information not available
Evaporation rate	information not available
Flammability	information not available
Upper/lower explosive limits	information not available
Vapour pressure	information not available
Vapour density	information not available
Density	information not available
Solubility in water:	Insoluble in water.
Solubility in other	
Ingredients:	soluble in most organic solvents
Partition coefficient	
Octanol/water:	information not available
Auto-ignition temperature	information not available
Decomposition temperature	information not available
Viscosity	information not available
Explosion properties:	information not available
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

Stable at room temperature.

#### Possibility of hazardous reactions

No hazardous reactions known

#### Conditions to avoid

None identified

#### Incompatible materials

Strong oxidising agents, strong acids.

#### Hazardous decomposition products

None identified

### 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

Acute toxicity	Oral: LD 50 (rat): 5000 mg / kg Dermal: LD 50 (rat): > 2000 mg / kg
Skin corrosion/irritation	no data available.
Serious eye damage/ eye irritation	no data available.
Respiratory or skin sensitisation	no data available.
Germ cell mutagenicity	no data available.
Carcinogenicity	no data available.
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

Mutagenicity: This material was positive in the AMES salmonella plate assay  
The toxicological properties have not been fully investigated.

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## 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 in Soil

Data not available.

### Results of PBT and vPvB assessment

Data not available. Not expected to be classified as PBT or vPvB

### Other adverse effects

Data not available

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## 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). Recycle packaging whenever possible.

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## 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

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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.