

**SECTION 1 IDENTIFICATION OF SUBSTANCE AND COMPANY / UNDERTAKING****1.1 Product identifier****Product name:** Cranfield Refined Linseed Oil**Product Identifier:** 0537, 0538**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Professional use only. Oil Medium

**1.3 Details of the supplier of the safety data sheet**  
ManufacturerCranfield Colours Ltd,  
44-47 Springvale Estate,  
Cwmbran NP44 5BB, Wales UK  
Web: [www.cranfield-colours.co.uk](http://www.cranfield-colours.co.uk)  
email: [hello@cranfield-colours.co.uk](mailto:hello@cranfield-colours.co.uk)**1.4 EMERGENCY TELEPHONE NUMBER**

+ 00 44 (0)1633 861421 - Office Hours Only. This is NOT a Poison centre.

**SECTION 2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008:

Not a hazardous substance or mixture

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008:

Not a hazardous substance or mixture

**2.3 Other hazards**May irritate skin  
May irritate eyes  
Ingestion may cause irritation to mucous membranes  
May cause irritation of the respiratory tract

In common with polyunsaturated fats when in contact with cloth or inert absorbent materials may react in air to produce heat in extreme circumstances can cause smoldering and combustion

This substance contains no components considered to be either persistent bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at liable of 0,1% or higher.

**SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances****Hazardous components.**

No hazardous ingredients

**SECTION 4. FIRST AID MEASURES****4.1 Description of first aid measures:**

**If inhaled:** If breathed in, move person into fresh air. If symptoms persist, call a doctor

**In case of skin contact:** Immediately wash skin with plenty of water and soap as a precaution. If skin irritation persists, call a physician.

**In case of eye contact:** In case of contact with eyes, immediately rinse with plenty of water. If eye irritation persists, consult a specialist.

**In case of ingestion:** If large quantities are swallowed, call a doctor immediately. Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed:** None known

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

**Notes to physician:** Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

**SECTION 5. FIREFIGHTING MEASURES****5.1 Extinguishing media**

**Suitable extinguishing media:** Foam, Dry Powder, Carbon dioxide CO<sub>2</sub>  
Keep containers and surroundings cool with water spray.

**Unsuitable extinguishing media:** High volume water jet. Water

**5.2 Special hazards arising from the substance or mixture**

**Specific hazards during firefighting:** In case of fire, may be produced such as Carbon oxides  
Do not use solid water stream as it may scatter and spread fires

**5.3 Advice for firefighters**

**Special protective equipment for firefighters:** In the event of fire, Wear self-contained breathing apparatus and protective suit.

**Further information:**

Collect contaminated extinguishing water and debris separately avoid contamination of sewage system

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, Protective Equipment and Emergency Procedures****Personal precautions**

Ensure adequate ventilation  
Avoid contact with eyes and skin  
Wear protective clothing (personal protective equipment)

**6.1 Environmental precautions:**

Prevent spillage of large quantities into drains and surface waters.

**6.2 Methods and materials for containment and cleaning up:**

## Methods of cleaning up

Contain and soak up spillage with inert, non-combustible, absorbent material and dispose of as hazardous waste.  
Do not use flammable materials (e.g. sawdust or cotton rags) as an absorbent  
Absorbents should be sprayed with water before disposal.

**6.3 Reference to other sections:**

Protective clothing – see section 8  
See section 13 for more information on disposal

**SECTION 7 HANDLING AND STORAGE****7.1 Precautions for safe handling:****Advice on safe handling:**

Handle in accordance with good industrial hygiene and safety practice:  
Avoid contact with eyes. Do not breathe vapours.

**Advice on protection against fire and explosion** Normal preventative measures for fire prevention,

Combustible material like textiles and paper which have been soiled by the product could self-ignite once the water content has evaporated. Contaminated materials should be washed immediately with plenty of water

**Hygiene measures**

Wash hands with soap and water  
Avoid repeated and long-term contact with skin

**7.2 Conditions for safe storage, including any incompatibilities:****Requirements for storage areas and containers**

Store in original container.

Keep tightly closed in a dry, cool and well-ventilated space

Absorbed product has a tendency to self-ignite. Keep away from sources of ignition do not smoke take measures to prevent electrostatic discharge Do not spray on flames or glowing bodies

**7.3 Specific end use(s):****SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

Contains no substances with occupational exposure limit values

**8.2 Exposure controls****Engineering controls:**

Use only in area provided with appropriate exhaust ventilation.

**General Protective measures:** Facilities storing or utilizing this material should be equipped with an eyewash facility.

Remove contaminated clothing immediately

Do Not inhale gas/fumes/vapour/aerosol

Avoid contact with eyes, skin and clothing

Wash hands before and after work

**Individual protection measures**

**Eye/face protection:** Safety glasses with side-shields. EN 166. Eye protection worn must be compatible with any respiratory protection system employed.

**Skin protection**

**Hand protection:** The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves or Nitrile rubber. Seek advice from glove suppliers

**Body Protection**

Protective clothing

**Respiratory protection:**

With adequate ventilation, not normally required

When respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization, use certified respiratory protection equipment meeting EU requirements (89/656/EEC, 89/686/EEC), or equivalent,

**Environmental Precautions**

Prevent from getting into the soil surface water and drains

See SECTION 7: Handling and storage and SECTION 13: Disposal considerations for measures to prevent excessive environmental exposure during use and waste disposal.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Viscous liquid
<b>Colour</b>	Light yellow
<b>Odour</b>	Slight
<b>Odour Threshold</b>	No data available
<b>Melting Point:</b>	- 42 - +4 °C 1013 hPa
<b>pH</b>	No data available
<b>Boiling point (760 mmHg)</b>	No data available
<b>Flash point</b>	> 230 °C
<b>Decomposition Temperature</b>	350 °C
<b>Flammability</b>	No data available
<b>Lower explosion limit</b>	Not applicable
<b>Upper explosion limit</b>	Not applicable
<b>Vapor Pressure</b>	negligible
<b>Relative Vapor Density (air = 1)</b>	<1.0000 Water
<b>Relative Density (water = 1)</b>	0.922-0.927 g /m <sup>3</sup>
<b>Water solubility</b>	0.001g/l (20°C)
Virtually insoluble	
<b>Partition coefficient: n- octanol/water</b>	>6 (20°C)
<b>Auto-ignition temperature</b>	No data available
<b>Kinematic Viscosity</b>	4,500 mPa.s
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	Not applicable

**9.2 Other information** No data available

**SECTION 10. STABILITY AND REACTIVITY**

**10.1 Reactivity:** No data available

**10.2 Chemical stability:** Stable under recommended storage conditions

**10.3 Possibility of hazardous reactions:**

Danger of spontaneous combustion of rags cloths or inert absorbent material soaked in oil

**10.4 Conditions to avoid:**

Conditions to avoid: Danger of spontaneous combustion of rags cloths or inert absorbent material soaked in material Avoid contact with heat sparks impact, friction and static discharge

Thermal decomposition: avoid heat

**10.5 Incompatible materials:**

Materials to avoid: Strong oxidizing agents

**10.6 Hazardous decomposition products:** No data available

In case of fire hazardous decomposition products may be produced such as carbon oxides, and acrolein.

**SECTION 11. TOXICOLOGICAL INFORMATION**

*Toxicological information appears in this section when such data is available.*

**11.1 Information on toxicological effects****Acute toxicity****Product**

**Acute oral toxicity** no data available

**Acute dermal toxicity** no data available

**Acute inhalation toxicity:** No data available

**Skin corrosion/irritation:** No skin irritation

**Serious eye damage/eye irritation:** No eye irritation

**Sensitization** None

**Specific Target Organ Systemic Toxicity (Single Exposure)**

No data available

**Specific Target Organ Systemic Toxicity (Repeated Exposure)**

No data available.

**Carcinogenicity****Effects on fertility:****Effects on Fetal development**

**STOT - single exposure** No data available

**STOT - repeated exposure** No data available

**Repeated dose toxicity**

**Aspiration toxicity** No data available

**SECTION 12. ECOLOGICAL INFORMATION****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

Not readily biodegradeable

**12.3 Bio accumulative potential**

No data available

**12.4 Mobility in soil**

Distribution among environmental compartments:

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

12.6 **Other adverse effects.** No data available**SECTION 13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

**General information** The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Avoid release to the environment.

**Disposal methods** Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal

**SECTION 14. TRANSPORT INFORMATION**

Classification for ROAD and Rail transport (ADR/RID), SEA transport (IMO-IMDG) and AIR transport (IATA/ICAO):

- |  |   |
|--|---|
| <b>14.1 UN number</b>                    | Not regulated as a dangerous good                                 |
| <b>14.2 Proper shipping name</b>         | Not regulated as a dangerous good                                 |
| <b>14.3 Class</b>                        | Not regulated as a dangerous good                                 |
| <b>14.4 Packing group</b>                | Not regulated as a dangerous good                                 |
| <b>14.5 Environmental hazards</b>        | Not considered environmentally hazardous based on available data. |
| <b>14.6 Special precautions for user</b> | Not regulated as a dangerous good                                 |

**15.1 REGULATORY INFORMATION**Safety health and environmental regulations / legislation specific for the substance or mixture  
The components of this product are reported in the following inventories:

REACH	On the inventory or in compliance with the inventory
TSCA	All components of this product are in the Canadian DSL
DSL	On the inventory or in compliance with the inventory
AICS	On the inventory or in compliance with the inventory
NZioC	On the inventory or in compliance with the inventory
ENCS	On the inventory or in compliance with the inventory
ISHL	On the inventory or in compliance with the inventory
KECCI	On the inventory or in compliance with the inventory
PICCS	On the inventory or in compliance with the inventory
IECSC	On the inventory or in compliance with the inventory

**15.2 Chemical Safety Assessment**

Not applicable

**SECTION 16. OTHER INFORMATION**

Key to abbreviations or acronyms use in this SDS

AICS Australia

DSL Canada

IECSC China

REACH EU

ENCS Japan

ISHL Japan

KECI Korea

NZioC New Zealand

PICCS Philippines

TSCA USA

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.