
SECTION 1 - IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier: Cranfield - Caligo Safe Wash Oil
Product Code WTCI83948

1.2 Relevant Identified Uses of the substance/mixture:

As a modifier/ diluter for Caligo Safe Wash Relief and Etching Inks

Advised against:

Food related uses.

1.3 Details of supplier of the data sheet

Cranfield Colours Ltd
44-47, Springvale Industrial Estate
Cwmbran NP44 5BB Wales UK
email: hello@cranfield-colours.co.uk
web: www.cranfield-colours.co.uk

Date of Issue:

27 January 2020

Date of Previous Issue

January 2015

Revision:

V1.1

Previous Version

V1.0

1.4 Emergency Telephone Number:

00 44 (0)1633 861421
: (Office Hours Only. This is NOT a poison centre)

SECTION 2 - HAZARDS IDENTIFICATION

Please observe the safety information on this safety data sheet. If used appropriately this product does not present any hazards for humans or the environment. The usual safety precautions for the handling of chemical substances have to be observed.

2.1 Classification of Substance/ Mixture Not a hazardous substance.

Classification (67/548)

No risk or safety phrases required

Classification EC 1272/2008

No hazard or precautionary statements required

2.2 Label Elements

Not a hazardous substance.

Classification (67/548)

No Hazard symbols or Risk phrases required

Classification EC 1272/2008

No Hazard pictograms or Signal words required

2.3 Other Hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

In common with polyunsaturated oils, when in contact with cloth or inert absorbent materials, may react in air to produce heat that in extreme circumstances can cause smouldering and combustion.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Preparation of Linseed Stand Oil

No hazardous components.

(All ingredients are CAS and EINECS and REACH Registered)

SECTION 4 - FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact

Flush eye with water or approved eyewash solution.
Seek medical advice should irritation occur and persist.

Skin Contact

Wash with warm soapy water. Remove contaminated clothing. If symptoms persist, call a physician.

Inhalation

Remove exposed person to fresh air. If symptoms persist, call a physician.

Ingestion

If large quantities are swallowed and seek medical advice. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed - None identified

4.3 Indication of any immediate medical attention and special treatment needed. - None identified.

SECTION 5 - FIREFIGHTING MEASURES

5.1 Extinguishing media:

Use dry powder, foam, carbon dioxide (CO₂) water spray to cool surfaces exposed to fire and protect personnel.

Unsuitable extinguishing media: Do not use water jets as these may spread the fire.

5.2 Special Hazards arising from Substance or Mixture

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

Do not use a solid water stream as it may scatter and spread fire

5.3 Advice for Firefighters Standard

Wear self-contained breathing apparatus in confined spaces

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes skin and clothes. Note that spillages constitute a slippage hazard.

6.2 Environmental precautions

Prevent entry into drains or water courses.

6.3 Methods and material for containment and cleaning up

Contain spillage with sand or earth, sweep up and dispose of in accordance with recognised method of waste disposal.

There is a danger that cloths or rags used to clean up a spill, or any absorbent materials may spontaneously combust (auto-ignite) Any cloths should be washed in warm soapy water and disposed of without crumpling

Absorbents should be sprayed with water prior to disposal.

6.4 Reference to other sections

 See Section 16.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

Normal working practice should be employed

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Store in original container.

7.3 Specific end use(s)

See 1.2

SECTION 8 - EXPOSURE CONTROL PERSONAL PROTECTION

Use in accordance with good practice. Wear suitable eye protection when there is a risk of splashing

8.1 Control Parameters

 Contains no substances with occupational exposure limit values.

8.2 Exposure Controls

Personal Protective equipment

Eye protection: Safety glasses with side shields

Hand Protection: For prolonged or repeated use wear protective gloves

Skin and Body Protection: Impervious clothing

Respiratory protection: None normally required

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical Form: Liquid

Colour Amber

Odour	Slight and characteristic (linseed)
pH aqueous solution	Not determined
Boiling Point	Not determined
Melting Point	Not determined
Viscosity	25-35 Poise @ 20 deg C
Flash Point	>100 deg C
Flammability solid /gas	Not applicable
Autoflammability	Negligible
Density	0.96-0.98 g/ml @20 deg C
Water Solubility	Emulsifiable
Other	Soluble in aromatic and aromatic hydrocarbons
Bulk density	960-980 Kg/m ³

9.2 Other information None

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity	Non-reactive under normal conditions of use.
10.2 Chemical stability:	Stable under normal conditions of use
10.3 Possibility of hazardous reactions.	
Hazardous reactions:	Danger of spontaneous combustion of rags, cloths or inert absorbent material soiled in oil Stable under recommended storage conditions
10.4 Conditions to avoid.	
Materials to avoid:	Danger of spontaneous combustion of rags, cloths or inert absorbent material soiled in oil
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products:	No data available In case of fire decomposition produced may be produced such as carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Oral	No test data available
Dermal	No test data available
Inhalation	Unlikely at room temperature
Eye Contact	No test data available.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity:

<u>Product:</u>	
Toxicity to fish:	No test data available.

12.2 Persistence and degradability

<u>Product:</u>	
Biodegradability:	No data available

12.3 Bioaccumulative potential

<u>Product:</u>	
Bioaccumulation:	No data Available

12.4 Mobility in soil

<u>Product:</u>	
Distribution among environmental compartments:	No data available

12.5 Results of PBT and vPvB assessment

<u>Product:</u>	
Assessment:	This substance/mixture contains no components considered to be either

persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Product:

Additional ecological information: No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:

Dispose of in accordance with a recognised method of waste disposal which complies with local and national regulation

Contaminated packaging:

Empty remaining contents
Empty containers should be taken to an approved waste handling site for recycling or disposal

SECTION 14 - TRANSPORT INFORMATION

The product is not regulated for transport.

14.1 UN Number Not regulated as a dangerous good

14.2 UN Proper Shipping name Not regulated as a dangerous good

14.3 Transport Hazard Classes

IMDG/ICAO/IATA/RID/ADR ADNR Not regulated as a dangerous good

14.4 Packing group Not regulated as a dangerous good

14.5 Environmental Hazards Not regulated as a dangerous good

14.6 Special precautions for user Not Applicable

SECTION 15 - REGULATORY INFORMATION

15.1 Safety health and environmental regulations / legislation specific for the substance / mixture

REACH (European Union) : on the inventory / in compliance with the inventory.

15.2 Chemical safety assessment

This information is not available.

SECTION 16 - OTHER INFORMATION

 = Section with new or changed information since last revision.

Advice regarding the danger of spontaneous combustion of oily rags.

After use, wash any rags or cloths in warm soapy water to remove the oil. Even after washing, rags must not be crumpled into a ball or left in a pile but instead should be spread out or hung up to dry out.

Use synthetic fibre cloths where possible as natural fibres (especially cotton) increase the risk of spontaneous combustion. Brushes and rollers should also be washed in warm soapy water.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application