



SAFETY DATA SHEET

2017-1-26

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.
Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved OMB No.1218-0072

§ 1 - IDENTITY INFORMATION

Product Name (as used on label and list) : **Linseed Oil** O 102, O 202, O 302, O 402, O 502

Manufacturer : HOLBEIN Works, Ltd.
Address : 2-2-5, Ueshio, Chuo-ku, Osaka-shi
OSAKA 542-0064 JAPAN

Telephone Number for information : 81-6-6191-7722
Emergency Telephone Number : 81-72-985-1221
Preparer : ALAKI, Yutaka

§ 2 - HAZARD IDENTIFICATION

Classification : Non-regulated (designated combustible liquid)
Danger : Combustible at high temperature. Mentioned about
spontaneous combustion when absorbed in wastes or rags.

Skin Irritation : Category 3
Eye Effects : Category 2B (to some persons)
Hazard information : Especially none



§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : Vegetable drying oil

Components (Specific Chemical Identity, Common Name(s))	CAS No.
Vegetable Drying Oil	8001-26-1

$$\begin{array}{c}
 \text{CH}_2\text{---OCOR} \\
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 \text{CH---OCOR} \\
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 \text{CH}_2\text{---OCOR}
 \end{array}$$

(Triglyceride of Linoleic acid, Linolenic acid Oleic acid or Palmitic acid)

§ 4 - FIRST AID MEASURES

General advice : Raw material is food.

Inhalation : This product is not inhaled.

Ingestion : Plenty amount of ingestion may induce diarrhea. If you feel unwell,
seek medical advice.

Eyes : In case of eye contact, rinse with plenty of water and consult an eye
specialist if necessary.

Skin Contact : Upon skin contact, wash with water, soap or other non-irritating
cleansing agents.

§ 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : Combustible
Flash Point : > 300 °C

Extinguishing Method : Take off fire or other flammable materials, and use with extinguishing tools.
Extinguishing Media : Foam, Dry powder, CO₂
Unusual Fire and Explosion Hazards : Oil dries by oxygen. Rags or waste soaked by oil may spontaneously catch fire if improperly discarded. Not exclusive.

§ 6 - ACCIDENTAL RELEASE MEASURES

Step to Be Taken in Case Material Is Released or Spilled : Take up with absorbent materials.
Prevention of Secondary Disaster : Take off fire or other flammable materials.
Personal Consideration : Especially none
Environmental Precautions : Prevent spills from entering storm sewers or drains (Drying oil may cause of clogging).

§ 7 - HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storing : Especially none
Storage Requirements : Keep from fire or flammable materials. Do not allow product temperature to rise high. Close the cap tightly.
Handling Procedures/Equipment : Treat as paint product.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls : Use mechanical ventilation when applying.
Personal Protection : Especially none

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Clear yellow liquid
Odor : Oily smell
pH : N/A
Boiling Point : —
Specific Gravity (H₂O = 1) : 0.930~0.933
Solubility in Water : Insoluble

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Combustible
Stability : Stable under normal state
Reactivity : None
Byproducts : Carbon dioxide, water
Hazardous Decomposition or Byproducts : Products small amount of peroxides or aldehydes while dry or under high temperature.
In case of fire, forms carbon dioxide and water.
Incompatibility (Materials to Avoid) : None
Corrosive Behavior : None

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, swallowing
Oral Toxicity (LD₅₀) : N/A
Inhalation Toxicity : This product is not inhaled.
Effects of Acute Exposure : None known
Eye irritation : Usually non irritant (tested on rabbit eyes). May irritant for some persons.
Skin irritation : Usually non irritant. Allergic for some persons.
Repeated Exposure : No special data available
Sensitization, Reproductive Toxicity, Mutagenicity, Carcinogenicity, Teratogenicity : No data available

§ 12 - ECOLOGICAL INFORMATION

Not been confirmed

§ 13 - DISPOSAL CONSIDERATIONS

Disposal Considerations : To be incinerated.
Waste Disposal Method : Stained cloths or papers which has been used to wipe or so on are so flammable that they had better been wetted with water.

§ 14 - TRANSPORT INFORMATION

Hazard Class : Non-regulated
UN Number : N/A
Package Group : Out of Category

§ 15 - REGULATORY INFORMATION

Conforms to ACMI, Art & Creative Materials Institute, under ASTM D 4236

Industrial Safety and Health Law : Combustible oil
Fire Service Law : Designated combustible liquid
High Pressure Gas Safety Law : N/A

§ 16 - OTHER INFORMATION

Notice: The information of this sheet is based on the present state of our knowledge and does not therefore guarantee certain properties.