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9740346, 9740347

DUO Linseed Oil - 1 / 3

FA10313, FA10312



V# 042160

2016-10-31

SAFETY DATA SHEET

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)
OMB No.1218-0072

§ 1 - IDENTITY INFORMATION

Product Name (as used on label and list) : DO 652, DO 502, DO 402 DUO Linseed Oil

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)
Hazard information : Especially none

§ 3 - COMPOSITION / INGREDIENTS

Components (Specific Chemical Identity, Common Name(s), C.I. No) CAS. No.

Linseed Oil *	$\begin{array}{c} \text{CH}_2\text{---OCOR} \\ \\ \text{CH---OCOR} \\ \\ \text{CH}_2\text{---OCOR} \end{array}$	8001-26-1
Surfactant		Registered

*: Vegetable drying oil (Triglyceride of Linolic, Linolenic, Oleic and/or Palmitic acid)

§ 4 - FIRST AID MEASURES

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 : 306 °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. Not exclusive. Rags or waste soaked with oil may spontaneously catch fire if improperly discarded.

§ 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 : Dispersible

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Combustible
 Stability : Stable under normal state
 Reactivity : None
 Byproducts : Carbon dioxide, water and dioxide of cobalt.
 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).
 Skin irritation : Usually non irritant. Allergic for some persons.
 Repeated Exposure : No special data available
 Sensitization, Reproductive Toxicity : No data available on product.
 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

§ 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.

Appendix**Table HEALTH INFORMATION**

DUO Linseed Oil is classified as AP product in the ACMI system.

AP (Approved Product) : Contain no materials in sufficient quantities to be toxic or injurious to humans.
CL (Cautionary Label) : Any known health risks and with information on the safe and proper use of these materials