



2016-10-31

SAFETY DATA SHEET

May be used to comply with U.S. Department of Labor
 OSHA's Hazard Communication Standard, Occupational Safety and Health Administration
 29 CFR 1910. 1200. (Non-Mandatory Form)
 Standard must be consulted for specific requirements. OMB No.1218-0072

§ 1 - IDENTITY INFORMATION

Product Name (as used on label and list) : **DUO Stand Linseed Oil (DO 522)**
 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.
Polymerized Linseed Oil *	67746-08-1
Surfactant	Registered

*: Linseed Oil is one of vegetable drying oils (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) : 0.96
Solubility in Water : Dispersible

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Combustible
Stability : Stable under normal state
Reactivity : None
Byproducts : Carbon dioxide and water
Hazardous Decomposition or Byproducts : Products small amount of peroxides or aldehydes while dry or under high temperature.
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 Stand Linseed Oil is classified as CL 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