



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 (H<sub>2</sub>O = 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 (LD<sub>50</sub>) : 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