



Safety Data Sheet

U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910. 1200. Standard must be consulted for specific requirements.

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)	DUO Stand Linseed Oil	(Ref.No. 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	81-72-985-1223	
Date Prepared	2014-11-18	
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))

Polymerized Linseed Oil *	CAS No. 67746-08-1
Polyoxyethylene Alkyl Ether (Surfactant)	CAS No. 68131-40-8

* : Main ingredient. Linseed Oil is one of vegetable drying oil (Triglyceride of Linolic, Linolenic, Oleic 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 : > 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 with 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 :

Prevention of Secondary Disaster : Take up with absorbent materials.
Personal Consideration : Take off fire or other flammable materials.
Environmental Precautions : Especially none
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 :

Storage Requirements : Especially none
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, 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.