

MATERIAL SAFETY DATA SHEET

1. IDENTITY OF MATERIAL

PRODUCT NAME : Drawing Lubricant

2. COMPOSITION INGREDIENTS

MATERIAL	%	CAS NUMBER	TLV (Unit)	OSHA PEL
Mineral Oil	60 - 80	-	-	-
Lead Compounds	10 - 20	-	-	-
Ester Lubricants	1 - 5	-	-	-

3. PHYSICAL DATA

Appearance : Light Yellow
Physical State : Liquid
Specific Gravity @ 15.5°C : 0.890
Odor : Mild
Solubility in Water : Insoluble

4. FIRST AID MEASURES

General :

In all causes of doubt seek medical attention.

Inhalation :

None

Skin contact :

Remove contaminated (drenched) clothing. Wash skin with soap and water.
Do not use solvent or thinners.

Eye contact :

Rinse thoroughly with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention if necessary.

Ingestion :

Obtain medical attention if necessary. Give water and medical coal.
Do not induce vomiting if the person is in shock.

5. FIRE-FIGHTING MEASURES**Extinguishing media :**

Foam dry powder, CO₂.

For safety reasons inappropriate extinguishing methods :

Water.

Special hazards caused by the product, its combustion products or resulting gas :

None.

Special Protective Measures :

None.

General Information :

Cool closed containers exposed to fire with water to avoid damage to the containers.

6. HANDLING AND STORAGE**Handling :**

Do not eat, drink or smoke while handling the product. Keep the product on containers of the same material as the original one. Comply with the health and safety at work laws.

Storage :

Store between 5 and 35°C in a dry place. Containers which are opened must be carefully closed and kept upright to prevent leakage.

In order to preserve product quality protect from extreme temperatures.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures :

Provide adequate ventilation if necessary.

General Protective and Hygienic Measures :

Adhere to common industrial hygiene!

Personal Protective Measures :**Hand protection :**

Recommended for prolonged or repeated contact.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. If necessary wear gloves.

Eye protection :

Use safety eyewear designed to protect against splashing of liquids if necessary.

8. STABILITY AND REACTIVITY**Material to be avoided :**

No special

Thermal combustion :

None in case of proper handling/storage.

Hazardous decomposition products :

No special.

9. TOXIOLOGICAL INFORMATION

Due to its chemical composition it is expected that the product has an irritating effect on eyes and skin in case of contact.

Empirical data on effects on humans :

In case of proper handling, no negative effects have become known so far .

10. ECOLOGICAL INFORMATION

--Mineral oil / hydrocarbon product--

Industrial chemicals should not be allowed to enter drains or water in large amounts.