

DRY GRAPHITE LUBE (00250 & 00251)

This product appears in the following stock number(s):

00250 00251

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: DRY GRAPHITE LUBE (00250 & 00251)

General use:

Chemical family: Silica-graphite mixture

MANUFACTURERITW Performance Polymers - QUALCO
2107 West Blue Heron Blvd.
Riviera Beach, FL 33404**EMERGENCY INFORMATION**Emergency telephone number
(CHEMTREC): (800) 424-9300
Other Calls: 561-845-2425**2. COMPOSITION/INFORMATION ON INGREDIENTS****HAZARDOUS CONSTITUENTS****Exposure limits**

Constituent	Abbr.	CAS No.	Weight percent	ACGIH TLV	OSHA PEL	Other Limits
Crystalline silica		14808607	> 20	0.05 mg/m ³	10/(%Q+2) mg/m ³	0.1 mg/m ³ (Canada)
Graphite		65997151	> 50	2 mg/m ³	n/e	2.5 mg/m ³ (Canada)

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identity is a trade secret of our supplier and unknown to us.

3. HAZARDS IDENTIFICATION**Emergency Overview**

Appearance, form, odor: Grey/Black powder with no odor.

CAUTION! Respiratory irritant. Silica Quartz is a suspected human carcinogen based on animal studies. May cause silicosis.

Potential health effects

Primary routes of exposure: Skin contact Skin absorption Eye contact Inhalation Ingestion

Symptoms of acute overexposure:**Skin:** Abrasive, but not otherwise hazardous on skin contact.**Eyes:** Mechanical irritant**Inhalation:**

Irritant. (Inhalation is unlikely, since the aggregate is slightly wetted with a coupling agent which inhibits dusting.)

Ingestion:

No data

Effects of chronic overexposure:

IARC lists respirable silica quartz as a suspect human carcinogen based on animal testing.

Carcinogenicity -- OSHA regulated: No**ACGIH: No****National Toxicology Program: Yes****International Agency for Research on Cancer: Yes****Cancer-suspect constituent(s) : Respirable Silica****Medical conditions which may be aggravated by exposure:**

None reported

4. FIRST AID MEASURES**First aid for eyes:**

Avoid rubbing particles into the eyes. Flush with a gentle flow of clean water. Contact a physician if irritation persists.

First aid for skin:

No first aid needed for simple skin contact. If particles are driven into skin, wash thoroughly and bandage if needed.

First aid for inhalation:

Remove patient to fresh air. Administer oxygen if breathing is difficult. Get medical attention if symptoms are serious or persistent.

First aid for ingestion:

Consult a physician.

5. FIRE FIGHTING MEASURES**Extinguishing media:** Water Carbon dioxide Dry chemical Foam Alcohol foam**Flash Point (°F):** None**Method:** not applicable**Explosive limits in air (percent) -- Lower:** none**Upper:** none**Special firefighting procedures:**

Does not support combustion with oxygen.

Unusual fire and explosion hazards:

None

Hazardous products of combustion:

None

6. ACCIDENTAL RELEASE MEASURES**Spill control:**

Avoid inhalation of dusts if any are raised.

Containment:

N/A

Cleanup:

Shovel or sweep up for re-use or disposal.

Special procedures:

N/A

7. HANDLING AND STORAGE

Handling precautions:

Avoid creating and inhaling dusts of this product.

Storage:

Store in closed containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls**Ventilation :**

Mechanical ventilation as required to keep dust concentration below the TLV.

Other engineering controls :

None

Personal protective equipment**Eye and face protection:**

Safety glasses with side shields.

Skin protection:

Long-sleeved clothing.

Respiratory protection:

Should dust be raised in handling (unlikely), wear NIOSH-approved dust respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity:	2.2 - 2.4	Boiling point (°F):	n/d
Melting point (°F):	n/d	Vapor density (air = 1):	No vapor
Vapor pressure (mmHg):	Nil at 78 °F	Evaporation rate (butyl acetate = 1):	Nil
VOC (grams/liter):	0	Solubility in water:	Nil
Percent volatile by volume:	0	pH (5% solution or slurry in water):	Neutral
Percent solids by weight:	100		

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to avoid :

None

Incompatible materials:

Oxidizing agents.

Hazardous products of decomposition:

None

Conditions under which hazardous polymerization may occur:

None

11. TOXICOLOGICAL INFORMATION

Acute oral effects: LD50 (rat): No data
No data available.

Acute dermal effects: LD50 (rabbit): No data
No data available.

Acute inhalation effects: LC50 (rat): No data
No data available.

Exposure: 0 hours.

Eye irritation:
No data available.

Subchronic effects:
No data available.

Carcinogenicity, teratogenicity, and mutagenicity:
No data available.

Other chronic effects:
No data available.

Toxicological information on hazardous chemical constituents of this product:

Constituent	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr, (rat)
Crystalline silica	n/d	n/d	n/d
Graphite	n/d	n/d	n/d

'n/d' = 'not determined'

12 ECOLOGICAL INFORMATION

Ecotoxicity:
No data available.

Mobility and persistence:
No data available.

Environmental fate:
No data available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Waste management recommendations:
The aggregate may be discarded in landfills as nonhazardous waste.

14. TRANSPORT INFORMATION

Proper shipping name: Non-regulated

Technical name :

Hazard class : N/A

UN number: N/A

Packing group: N/A

Emergency Response Guide no.: N/A

IMDG page number: N/A

Other:

15. REGULATORY INFORMATION**U.S. Federal Regulations****TSCA**

All ingredients of this product are listed, or are exempt from listing, on the TSCA inventory.

The following RCRA code(s) applies to this material if it becomes waste:

None

Regulatory status of hazardous chemical constituents of this product:

Constituent	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	TSCA 12B Export Notification
Crystalline silica	No	No	0.0	Not required
Graphite	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance list.

**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: - Delayed health hazard -**Canadian regulations****WHMIS hazard class(es) :** D2B; D2A

All components of this product are on the Domestic Substances List.

16. OTHER INFORMATION

Hazardous Materials Identification System (HMIS) ratings:	Health 1*	Flammability 0	Reactivity 0
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