

**POLYONE CORPORATION****MATERIAL SAFETY DATA SHEET****LUBREX P-620**Version Number 1.0  
Revision Date 06/27/2007Page 1 of 6  
Print Date 11/29/2011**1. PRODUCT AND COMPANY IDENTIFICATION****POLYONE CORPORATION**

Telephone :  
Emergency telephone : **CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).**

Product name : LUBREX P-620  
Product code : FO20009434  
Chemical Name : Mixture  
CAS-No. : Mixture  
Product Use :

**2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS**

Components	CAS-No.	Weight %
Quartz	14808-60-7	0.1 - 1
Magnesium stearate	557-04-0	1 - 5
Zinc stearate	557-05-1	5 - 10
Mica	12001-26-2	60 - 100

**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW****POTENTIAL HEALTH EFFECTS**

**Routes of Exposure:** :

**Acute exposure**

Inhalation :  
Ingestion :  
Eyes :  
Skin :

**Chronic exposure** : Refer to Section 11 for Toxicological Information.

**Medical Conditions** :  
**Aggravated by Exposure:**

**4. FIRST AID MEASURES**



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Inhalation :  
Ingestion :  
Eyes :  
Skin :

**5. FIRE-FIGHTING MEASURES**

Flash point :  
Flammable Limits  
    Upper explosion limit :  
    Lower explosion limit :  
Autoignition temperature :  
Suitable extinguishing media :  
Special Fire Fighting :  
Procedures  
Unusual Fire/Explosion :  
Hazards

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions :  
Environmental precautions :  
Methods for cleaning up :

**7. HANDLING AND STORAGE**

Handling :  
Storage :

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory protection :  
Eye/Face Protection :  
Hand protection :  
Skin and body protection :  
Additional Protective :  
Measures

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General Hygiene :  
Considerations

Engineering measures :

Exposure limit(s)

Components	Value	Exposure time	Exposure type	List:
Magnesium stearate	10 mg/m3	Time Weighted Average (TWA):		ACGIH
Mica	3 mg/m3	Time Weighted Average (TWA):	Respirable fraction.	ACGIH
	3 mg/m3	Time Weighted Average (TWA):		MX OEL
Quartz	0.025 mg/m3	Time Weighted Average (TWA):	Respirable fraction.	ACGIH
	0.1 mg/m3	Time Weighted Average (TWA):	Respirable.	Z3
	0.3 mg/m3	Time Weighted Average (TWA):	Total dust.	Z3
	0.1 mg/m3	Time Weighted Average (TWA):		MX OEL
Zinc stearate	5 mg/m3	PEL:	Respirable fraction.	OSHA Z1
	15 mg/m3	PEL:	Total dust.	OSHA Z1
	10 mg/m3	Time Weighted Average (TWA):		MX OEL
	20 mg/m3	Short Term Exposure Limit (STEL):		MX OEL
	10 mg/m3	Time Weighted Average (TWA):		ACGIH

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form :	Evaporation rate :
Appearance :	Specific Gravity :
Color : NO PIGMENT	Bulk density :
Odour :	Vapour pressure :
Melting point/range :	Vapour density :
Boiling Point: :	pH :
Water solubility :	

**10. STABILITY AND REACTIVITY**

Stability :  
Hazardous Polymerization :

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Conditions to avoid :  
Incompatible Materials :  
Hazardous decomposition products :

**11. TOXICOLOGICAL INFORMATION**

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
14808-60-7	Quartz	Systemic effects	Eyes, Respiratory system.
557-05-1	Zinc stearate	Systemic effects	Eyes, Skin, Respiratory system.
12001-26-2	Mica	Systemic effects	Respiratory system.

LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
557-05-1	Zinc stearate	Oral LD50	> 10 gm/kg	rat

Carcinogenicity

This product contains the following components which, in their pure form, have the following carcinogenicity data:

CAS-No.	Chemical Name	OSHA	IARC	NTP
14808-60-7	Quartz	no	1	no

IARC Carcinogen Classifications:

- 1 - The component is carcinogenic to humans.
- 2A - The component is probably carcinogenic to humans.
- 2B - The component is possibly carcinogenic to humans.

NTP Carcinogen Classifications:

- 1 - The component is known to be a human carcinogen.
- 2 - The component is reasonably anticipated to be a human carcinogen.

**Additional Health Hazard Information:**

**Quartz 14808-60-7 This material in its free releasable form may cause respiratory tract irritation. Long-term exposure may cause coughing, chest pain, diminished chest expansion and possibly silicosis, which is a scarring of the lungs.**

**12. ECOLOGICAL INFORMATION**

Persistence and degradability :



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Environmental Toxicity :  
Bioaccumulation Potential :  
Additional advice :

**13. DISPOSAL CONSIDERATIONS**

Product :  
Contaminated packaging :

**14. TRANSPORT INFORMATION**

U.S. DOT Classification :  
ICAO/IATA (air) :  
IMO / IMDG (maritime) :

**15. REGULATORY INFORMATION**

US Regulations:

OSHA Status : Classified as hazardous based on components.  
TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Not applicable

California Proposition 65 : WARNING! This product contains a chemical known to the State of California to cause cancer.

SARA Title III Section 302 Extremely Hazardous Substance

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

SARA Title III Section 313 Toxic Chemicals:

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Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

Chemical Name	CAS-No.	Weight %
ZINC COMPOUNDS	1314-13-2	0.10 - 1.00
ZINC COMPOUNDS	557-05-1	5.00 - 10.00

## Canadian Regulations:

## National Pollutant Release Inventory (NPRI)

Chemical Name	CAS-No.	Weight %	NPRI ID#
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branch ed	127087-87-0	0.10 - 1.00	178
Zinc oxide	1314-13-2	0.10 - 1.00	231
Zinc stearate	557-05-1	5.00 - 10.00	231

WHMIS Classification : D2A

## WHMIS Ingredient Disclosure List

CAS-No.
12001-26-2
557-05-1

DSL : All components of this product are on the Canadian Domestic  
Substances List (DSL) or are exempt.

## National Inventories:

Australia AICS : Listed  
China IECS : Listed  
Europe EINECS : Listed  
Japan ENCS : Not determined  
Korea KECI : Not determined  
Philippines PICCS : Listed**16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.