

Product code DL4660

**14. TRANSPORTATION INFORMATION**

DOT Not Regulated  
 IATA Not Regulated  
 IMDG/IMCO Not Regulated  
 IATA Not Regulated  
 MEX Not Regulated  
 Not Regulated

**15. REGULATORY INFORMATION**

Chemical Name: SILSEPA SARA 313 Emission Reporting  
 1,4-Dioxane Listed  
 Ethylene oxide Listed

Chemical Name: Ethylene oxide  
 CERCLA/SARA 302 TPQ lb/lb

**State Regulations**

Chemical Name	New Jersey RTK	Pennsylvania RTK	California Prop. 65
Silicone Dioxide (Crystalline Quartz)	Not Listed	Listed	Carcinogen
Nonylphenol Ethoxylate	Not Listed	Not Listed	Not Listed
Allylbenzene Sulfonic Acid	Not Listed	Listed	Not Listed
1,4-Dioxane	Not Listed	Not Listed	Not Listed
Ethylene oxide	Listed	Listed	Carcinogen Female Reproductive

Chemical Name: Ethylene oxide - T521-8  
 Type: Female Reproductive

**International Inventories**

Chemical Name	INECS	DSL	MDSL	TSCA
Silicone Dioxide (Crystalline Quartz)	X	X	-	X
Nonylphenol Ethoxylate	-	X	-	X
Allylbenzene Sulfonic Acid	X	X	-	X
Water	X	X	-	X
1,4-Dioxane	X	X	-	X
Ethylene oxide	X	X	-	X

CPRC  
 This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

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Product name CREME SCOUR

Chronic toxicity No information available.  
 Mutagenic effects No information available.  
 Teratogenic effects No information available.  
 Reproductive toxicity No information available.  
 Target Organ Effects No information available.  
 Carcinogenic effects See table below

Chemical Name	ACGH OEL - Carcinogens	IARC Group	NTP - Carcinogen	NTP - Suspected Carcinogen	OSHA PEL - Carcinogens
Silicone Dioxide (Crystalline Quartz)	A2 - Suspected Human Carcinogen	Group 1	Listed	Not Listed	Listed
Nonylphenol Ethoxylate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Allylbenzene Sulfonic Acid	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
1,4-Dioxane	Not Listed	Group 2B	Listed	Listed	Listed
Ethylene oxide	A3 - Confirmed animal carcinogen in twin in vivo in relevance to humans	Group 1	Listed	Not Listed	Listed

**12. ECOLOGICAL INFORMATION**

Aquatic toxicity  
 Allylbenzene Sulfonic Acid  
 Microtox Data  
 water flow EC50=11 mg/L (48 h)  
 water flow EC50=12.7 mg/L (15 min)  
 1,4-Dioxane  
 Microtox Data  
 Photobacterium phosphoreum EC50=610 mg/L (5 min)  
 Photobacterium phosphoreum EC50=668 mg/L (15 min)  
 Photobacterium phosphoreum EC50=733 mg/L (30 min)  
 Water Flea Data  
 water flea EC50=163 mg/L (48 h)

**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products  
 Dispose in accordance with federal, state, and local regulations.

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# Material Safety Data Sheet

Revision Date  
31-May-2005

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DL4660  
Product name CREME SCOUR  
Recommended Use Cleaner  
Supplier Drummond American Corporation  
600 Corporate Woods Parkway  
Vernon Hills, IL 60061  
Emergency telephone number (817) 913-9313  
(888) 428-4951

## 2. HAZARDS IDENTIFICATION

Emergency Overview  
Irritant.

Approved Medical Conditions  
No information available

Principal Routes of Exposure  
Eyes, Skin contact, Ingestion.

Potential health effects.  
Irritation.

Eyes  
Skin Irritation.

Skin  
No information available

Inhalation  
No information available

Ingestion  
Nausea, Cramps, Vomiting, Diarrhea.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	1-5
Silicone Dioxide (Crystalline Quartz)	14898-60-7	15-40
Allylbenzene Sulfonic Acid	27176-87-0	1-5
Nonylphenol Ethoxylate	9916-45-9	5-10
Ethylene oxide	75-21-8	Traces
1,4-Dioxane	123-91-1	Traces

## 4. FIRST-AID MEASURES

Eye contact  
Flush with plenty of water for at least 15 minutes. If symptoms persist, call a physician.

Skin contact  
Wash area thoroughly with soap and water. If symptoms persist, call a physician.

Ingestion  
Do not induce vomiting. Seek medical advice and bring MSDS or label.

Inhalation  
Remove to fresh air. Seek medical attention if irritation persists.

## 5. FIRE FIGHTING MEASURES

Flash point °C  
No data available

Flash point °F  
No data available

Method  
No information available

Autoignition temperature  
No data available

Self-ignition temperature °C  
No data available

Self-ignition temperature °F  
No data available

Flammability Limits (% in Air)  
Upper  
No data available

Lower  
No data available

Suitable extinguishing media  
Carbon dioxide, Foam, Water fog, Dry chemical.

Extinguishing media which must NOT be used for safety reasons  
No information available.

Special protective equipment for firefighters  
No information available.

Special Fire-Fighting Procedures  
Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.

Hazardous decomposition products  
See Section 10

Fire and Explosion Hazards  
In the event of fire and/or explosion do not breathe fumes.

Sensitivity to shock  
No information available.

Sensitivity to static discharge  
No information available.

## 6. ACCIDENTAL RELEASE MEASURES

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Clean-up methods - small spill  
Flush area with large quantities of water. Collect and contain for disposal.

Clean-up methods - large spill  
Soak up excess with absorbent material. Collect and contain for disposal.

## 7. HANDLING AND STORAGE

Handling  
Ensure adequate ventilation. For industrial and institutional use only. Avoid breathing vapors or mists. Avoid contact with skin and eyes. Thoroughly wash hands and separate skin after handling. Do not take internally.

Storage  
Keep out of the reach of children. Follow all label directions. Do not freeze. Keep lightly closed in a dry and cool place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH PEL (TWA)	ACGIH PEL (Ceiling)	ACGIH OEL (STEL)
Silicone Dioxide (Crystalline Quartz)			0.05 mg/m <sup>3</sup> respirable fraction		
Nonylphenol Ethoxylate					
Allylbenzene Sulfonic Acid					
1,4-Dioxane	100 ppm 360 mg/m <sup>3</sup>			20 ppm	
Ethylene oxide				1 ppm	

Exposure limits

Ventilation and Environmental Controls  
Provide local exhaust ventilation. Mechanical: recommended

Hygiene measures  
No information available

Respiratory protection  
Use NIOSH approved respirator if TLV limit is exceeded.

Hand protection  
Rubber gloves.

Eye protection  
Safety glasses. Goggles.

Skin and body protection  
No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form  
Liquid

Color  
Off-white

Odor  
Mint-like

Other Threshold  
No information available

Potential health effects  
Sensitization  
No information available

pH  
2.0

Specific Gravity  
1.26

Boiling point/range °C  
100

Boiling point/range °F  
212

Melting point/range °C  
32

Melting point/range °F  
No data available

Flash point °C  
No data available

Flash point °F  
No data available

Vapor pressure  
20

Vapor density  
0.6

Evaporation Rate  
1 (F20)

Water solubility  
50%

Partition Coefficient (n-octanol/water)  
No data available

VOC Content  
0 %

## 10. STABILITY AND REACTIVITY

Stability  
Stable.

Conditions to avoid  
No information available

Materials to avoid  
Strong oxidizing agents.

Hazardous decomposition products  
amines, Carbon monoxide, Carbon dioxide, Silicone dioxide, Sulphur oxides.

Polymerization  
Will not occur.

Synergistic Products  
No information available.

## 11. TOXICOLOGICAL INFORMATION

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Silicone Dioxide (Crystalline Quartz)		0	
14898-60-7	1310 mg/kg	2 mL/kg	
Ethoxylate			
Allylbenzene Sulfonic Acid	650 mg/kg		
27176-87-0			
Water			
7732-18-5	7120 mg/kg	7600 µJ/kg	
123-91-1			
Ethylene oxide	72 mg/kg		800 ppm
75-21-8			

Component Information