

WH

Material Safety Data Sheet

Revision Date 11-Jan-2012

Liquid Scouring Cream

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DL4660K12
Product name CREME SCOUR
Recommended Use Cleaner
Supplier Drummond, A Lawson Brand
Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
1-866-529-7664
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
May cause eye/skin irritation.

Aggravated Medical Conditions
None Known

Principal Routes of Exposure
Eyes. Skin contact. Ingestion.

Potential health effects

- Eyes** Irritation.
- Skin** Skin Irritation.
- Inhalation** No adverse affects expected
- Ingestion** Nausea. Cramps. Vomiting. Diarrhea.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	1-5
Silicon Dioxide (Crystalline Quartz)	14808-60-7	15-40
Alkylbenzene Sulfonic Acid	27176-87-0	1-5
Nonylphenol Ethoxylate	9016-45-9	5-10
Ethylene oxide	75-21-8	Trace
1,4-Dioxane	123-91-1	Trace

4. FIRST AID MEASURES

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician.
Skin contact Wash area thoroughly with soap and water. If symptoms persist, call a physician.

Ingestion Immediate medical attention is required. Seek medical advice and bring MSDS or label. Do Not induce vomiting.
Inhalation Remove to fresh air. Seek medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash point °C Not Applicable
Flash point °F Not Applicable
Method No information available
Autoignition temperature °C No data available
Autoignition 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 powder.

Special protective equipment for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

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

Fire and Explosion Hazards
Contact with open flame or hot surfaces may generate toxic fumes.

Hazardous decomposition products
See Section 10.

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

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. Place in non-leaking, tightly sealed container for proper disposal. Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information.

7. HANDLING AND STORAGE

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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 exposed skin after handling. Do not take internally.

Storage

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

VOC Content	0
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	100
Boiling point/range °F	212
Melting point/range °C	0
Melting point/range °F	32
Flash point °C	Not Applicable
Flash point °F	Not Applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Silicon Dioxide (Crystalline Quartz)	-	-	0.025 mg/m ³	-
Nonylphenol Ethoxylate	-	-	-	-
Alkylbenzene Sulfonic Acid	-	-	-	-
Water	-	-	-	-
1,4-Dioxane	100 ppm 360 mg/m ³	-	20 ppm	-
Ethylene oxide	1 ppm	-	1 ppm	-

Ventilation and Environmental Controls

Ensure adequate ventilation, especially in confined areas. Local: recommended.

Hygiene measures

General industrial hygiene practice

Respiratory protection

Use NIOSH approved respirator if TLV limit is exceeded.

Hand Protection

Rubber gloves.

Eye protection

Safety glasses. Goggles.

Skin and body protection

Wear suitable protective clothing.

Other Protective Equipment

A safety shower and eye wash station should be available for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Paste
Color	Off-white
Odor	Mint-like
Odor Threshold	No information available
pH	1.4 - 2.8
Specific Gravity	1.26
Vapor pressure	20mmHg
Vapor density	0.6
Evaporation Rate	1 (H ₂ O)
Water solubility	50%

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Do not allow to freeze.

Incompatibility

Amines. Strong alkalis .

Hazardous Decomposition Products

Carbon monoxide. Silicone dioxide. Sulphur oxides. Various organic oxidation by-products.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Silicon Dioxide (Crystalline Quartz) 14808-60-7	500 mg/kg	-	-
Nonylphenol Ethoxylate 9016-45-9	1310 mg/kg	2 mL/kg	-
Alkylbenzene Sulfonic Acid 27176-87-0	500 mg/kg	-	-
Water 7732-18-5	90 mL/kg	-	-
1,4-Dioxane 123-91-1	4200 mg/kg	7600 mg/kg	48.5 mg/L
Ethylene oxide 75-21-8	72 mg/kg	-	-

Synergistic Products

None known

Potential health effects

Sensitization

None known

Chronic toxicity

None known

Mutagenic effects None known

Teratogenic effects None known

Reproductive toxicity None known

Target Organ Effects See Section 2

Carcinogenic effects See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Silicon Dioxide (Crystalline Quartz)	Listed	Group 1	Listed	Not Listed	Listed
Nonylphenol Ethoxylate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Alkylbenzene 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	Listed	Group 2B	Not Listed	Listed	Listed
Ethylene oxide	Listed	Group 1	Listed	Not Listed	Listed

12. ECOLOGICAL INFORMATION

Alkylbenzene Sulfonic Acid

Microtox Data

Photobacterium phosphoreum EC50=12.7 mg/L (15 min)

Water Flea Data

Daphnia magna hEC50 48 (5.88 mg/L)

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 hEC50 48 (163 mg/L)

Ethylene oxide

Water Flea Data

Daphnia magna hEC50 48 (137 mg/L)

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

DOT

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION

US EPA SARA 313

Chemical Name	US EPA SARA 313 Emission Reporting
1,4-Dioxane	Listed
Ethylene oxide	Listed

Chemical Name	CERCLA/SARA 302 TPQ
Ethylene oxide	\$1000 lb, TPQ

State Regulations

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

Chemical Name	Type
Ethylene oxide - 75-21-8	Female Reproductive

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Silicon Dioxide (Crystalline Quartz)	X	X	-	X
Nonylphenol Ethoxylate	-	X	-	X
Alkylbenzene Sulfonic Acid	X	X	-	X
Water	X	X	-	X
1,4-Dioxane	X	X	-	X
Ethylene oxide	X	X	-	X

CPR

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

16. OTHER INFORMATION

NFPA

Health - 1
Flammability - 1
Reactivity - 0

Prepared By

V. Shargorodsky, Regulatory Affairs
Engineer

Product code **DL4660K12**

Product name **CREME
SCOUR**

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.