



Material Safety Data Sheet

Revision Date 05-Nov-2013

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code QL6041T06
Product name DF5000
Recommended Use Sewer and Drain Maintenance
Supplier JI Holcomb
Lawson Products, Inc.
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Irritant.

Aggravated Medical Conditions
None Known

Principal Routes of Exposure
Eyes. Skin. Ingestion.

Potential health effects

Eyes Contact with eyes may cause irritation.
Skin Prolonged skin contact may cause skin irritation.
Inhalation May cause irritation to the lungs. May cause irritation to the mucous membranes.
Ingestion May cause the following effects. Abdominal pain. Nausea. Vomiting.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	60-70
Nonylphenol Ethoxylate	9016-45-9	20-25
Capigel 98	N/A	1-5

4. FIRST AID MEASURES

Eye contact Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact Remove contaminated clothing. Wash off immediately with soap and plenty of water. Seek medical attention if irritation persists.

Ingestion Do Not induce vomiting without medical advice. Seek medical attention.

Inhalation Remove to fresh air. Contact physician if breathing difficulty develops.

Notes to physician Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash point °C Not Applicable
Flash point °F Not Applicable
Method Not Applicable

Autoignition temperature °C Not Applicable
Autoignition temperature °F Not Applicable

Flammability Limits (% in Air)
Upper No data available
Lower No data available

Suitable extinguishing media
Water spray. Carbon dioxide (CO2). 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

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Collect and contain for disposal. Reclaim into containers for reuse, recycle, or proper disposal.

7. HANDLING AND STORAGE

Handling
Avoid breathing vapors or mists. Must not come in contact with food. Keep out of reach of children. Protect contents from moisture. Thoroughly wash hands and exposed skin after handling. Handle in accordance with good industrial hygiene and safety practice.

Storage

Keep away from direct sunlight. Keep tightly closed in a dry and cool place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Water	-	-	-	-
Nonylphenol Ethoxylate	-	-	-	-
Capigel 98	-	-	-	-

Ventilation and Environmental Controls

Provide local exhaust ventilation. Mechanical: as necessary.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling the product.

Respiratory protection

None necessary under normal conditions.

Hand Protection

Nitrile gloves.

Eye protection

Use safety eyewear designed to protect against splash of liquids.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Green
Odor	Pleasant
Odor Threshold	Not Applicable
pH	7.0
Specific Gravity	1
Vapor pressure	No data available
Vapor density	No data available
Evaporation Rate	Not Applicable
Water solubility	Soluble in water
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	100
Boiling point/range °F	212
Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable
Flash point °C	Not Applicable
Flash point °F	Not Applicable

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

None known.

Incompatibility

Strong acids. Alkalies.

Hazardous Decomposition Products

None known.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Water 7732-18-5	-	-	-
Nonylphenol Ethoxylate 9016-45-9	-	1780 µL/kg	-
Capigel 98 N/A	-	-	-

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
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Nonylphenol Ethoxylate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Capigel 98	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Ecotoxicity effects No information available

13. DISPOSAL CONSIDERATIONS

13. DISPOSAL CONSIDERATIONS**Disposal Information**

Discard container or liner in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Water	Not Listed	Not Listed	Not Listed
Nonylphenol Ethoxylate	Not Listed	Not Listed	Not Listed
Capigel 98	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Water	X	X	-	X
Nonylphenol Ethoxylate	-	X	-	X
Capigel 98	-	-	-	-

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**Prepared By**

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Engineer

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.