Liquid Scrub™ Drain Cleaner

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022
Issue date: 2025-11-14 Revision date: 2025-11-14 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form	:	Mixture
Product name	:	Liquid Scrub™ Drain Cleaner
Product code	:	LB-5000/C
Part number	:	LS-5000 series

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture	:	Cleaning agent

1.4. Supplier's details

Manufacturer
Celeste Industries Corporation
8007 Industrial Park Road
Easton, Maryland 21601 USA
T 1-410-822-5775
info@celestecorp.com - www.celestecorp.com

Distributor
ITW Permatex Canada
2360 Bristol Circle, Ste 101
Oakville, ON, L6H 6M5
Canada
T 1-800-241-8334

1.5. Emergency phone number

Emergency number	:	For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC (24 hours) within USA and CANADA: 1-800-424-9300 Outside USA and Canada (collect call accepted): 1-703-527-3883

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS classification

Skin irritation, Category 2
Serious eye damage, Category 1
Reproductive toxicity, Category 2
Specific target organ toxicity, Repeated exposure, Category 2

2.2. Label elements

GHS labelling

Hazard pictograms (GHS) :

Signal word (GHS)	:	Danger
Hazard statements (GHS)	:	Causes skin irritation Causes serious eye damage Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure
Precautionary statements (GHS)	:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Do not breathe dust, fume, gas, mist, spray, vapours.
Wash hands, forearms and face thoroughly after handling.
Wear protective gloves, protective clothing, eye protection.
If exposed or concerned: Get medical advice/attention.
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice or attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center or doctor.
Store locked up.
Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

Not applicable

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
Hydrogen peroxide	Hydrogen peroxide Hydrogen peroxide (H2O2) / HYDROGEN PEROXIDE / Hydrogen peroxide, aqueous solution / Dihydrogen dioxide / Hydrogen peroxide solution ...% / Hydrogen peroxide solution / Hydrogen peroxide solution... %	CAS-No.: 7722-84-1	1 – 5
Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts	Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts 1,1'-Oxybisbenzene tetrapropylene derivatives, sulfonated, sodium salts / Monoalkyl(C12) ester of diphenyl ether disulfonate, sodium salt	CAS-No.: 119345-04-9	1 – 5
Sodium hydroxide	Caustic soda / Sodium hydroxide (Na(OH)) / SODIUM HYDROXIDE / LYE / Lye solution	CAS-No.: 1310-73-2	0.1 < 1
Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates C8-10-Alkyl alcohol ethoxylate, phosphate ester / Polyethyleneglycol monoalkyl (C8-10) ether phosphate / Polyethylene glycol mono alkyl (C8-10) ether phosphate / .alpha.-Hydroxy-.omega.-hydroxypoly(oxy-1,2-ethanediyl)alkyl (C8-10) ethers phosphate / C8-10 Alkyl alcohol ethoxylate (4EO), phosphate ester	CAS-No.: 68130-47-2	0.1 – 1

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
2-Pyrrolidinone, 1-octyl-	2-Pyrrolidinone, 1-octyl- 1-Octyl-2-pyrrolidone / Pyrrolidin-2-one, 1-octyl- / 1-Octyl-2-pyrrolidinone / N-(n-Octyl)-2-pyrrolidinone / N-(n-Octyl)-2-pyrrolidone / CAPRYLYL PYRROLIDONE / NOP / N-Octylpyrrolidone / N-Octyl-2-pyrrolidinone / Caprylyl pyrrolidone	CAS-No.: 2687-94-7	0.1 – 1
Phosphonic acid, (1-hydroxyethylidene)bis-	Phosphonic acid, (1-hydroxyethylidene)bis- Ethylidene diphosphonic acid, 1-hydroxy- / Etidronic acid / 1-Hydroxyethane-1,1-diphosphonic acid / 1-Hydroxyethylidene-1,1-diphosphonic acid / Phosphonic acid, (1-hydroxyethylidene)di- / Phosphonic acid, P,P'-(1-hydroxyethylidene)bis- / ETIDRONIC ACID / 1-Hydroxyethylidenediphosphonic acid / 1-Hydroxyethylidene-diphosphonic acid / Hydroxyethanediphosphonic acid / HEDP / Hydroxyethylidene diphosphonic acid / 1-Oxyethylidenediphosphonic acid / Ethan-1-ol-1,1-diphosphonic acid / 1-Hydroxyethane-1,1-diylbis(phosphonic acid) / 1-Hydroxyethylidene diphosphonic acid / (1-Hydroxyethane-1,1-diyl)diphosphonic acid	CAS-No.: 2809-21-4	0.1 < 1

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

First-aid measures after ingestion : IF SWALLOWED: Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/effects after eye contact : Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic symptoms : Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media : Do not use water jet.

5.2. Specific hazards arising from the chemical

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Irritating vapours.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

For non-emergency personnel

No additional information available

For emergency responders

Environmental precautions : Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust, fume, gas, mist, spray, vapours. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Do not get in eyes, on skin, or on clothing. If spilled, may cause the floor to be slippery.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store locked up.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Hydrogen peroxide (7722-84-1)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Hydrogen peroxide

Hydrogen peroxide (7722-84-1)	
ACGIH® TLV® TWA	1.4 mg/m³
ACGIH® TLV® TWA	1 ppm
Remark (ACGIH®)	TLV® Basis: Eye, URT & Skin irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH® chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	Hydrogen peroxide
OSHA PEL TWA	1.4 mg/m³
OSHA PEL TWA	1 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
IDLH	75 ppm
USA - NIOSH - Occupational Exposure Limits	
Local name	Hydrogen peroxide
NIOSH REL TWA	1.4 mg/m³
NIOSH REL TWA	1 ppm
NIOSH REL 10h TWA	1 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

Sodium hydroxide (1310-73-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH® TLV® C	2 mg/m³
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	2 mg/m³
USA - IDLH - Occupational Exposure Limits	
IDLH	10 mg/m³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL C	2 mg/m³
US-NIOSH chemical category	SK: DIR(COR) Apr 2011

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection:
Wear eye/face protection

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Colourless
Odour	:	No data available
Odour threshold	:	No data available
pH	:	8 – 8.5
Melting point	:	No data available
Freezing point	:	32 °F (0° C)
Boiling point	:	212 °F (100 °C)
Flash point	:	No data available
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C/ 68 °F	:	No data available
Relative density	:	1.027
Solubility	:	No data available
Partition coefficient n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Particle characteristics	:	No data available

2-Pyrrolidinone, 1-octyl-	
Boiling point	292 – 305 °C (at 1009 hPa)
Flash point	113 °C (closed cup)
Particle characteristics	No data available

Hydrogen peroxide	
Boiling point	114 °C
Particle characteristics	No data available

Phosphonic acid, (1-hydroxyethylidene)bis-	
Boiling point	> 228 °C (with decomposition)
Vapour pressure	17.535 hPa (at 20 °C)

Phosphonic acid, (1-hydroxyethylidene)bis-	
Particle characteristics	No data available

Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts	
Vapour pressure	< 0.000000013 Pa Temp.: 20 °C
Particle characteristics	No data available

Sodium hydroxide	
Boiling point	1390 °C
Vapour pressure	0 hPa (at 20 °C)
Particle characteristics	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. Incompatible materials.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Irritating vapours.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

2-Pyrrolidinone, 1-octyl- (2687-94-7)	
LD50 oral rat	2050 mg/kg (Source: NZ_CCID)
LD50 dermal rat	> 4000 mg/kg (Source: ECHA_API)

Hydrogen peroxide (7722-84-1)	
LD50 oral rat	1518 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	9200 mg/kg (Source: EU_RAR)

Phosphonic acid, (1-hydroxyethylidene)bis- (2809-21-4)	
LD50 oral rat	3130 mg/kg (Source: OECD_SIDS)
LD50 dermal rabbit	> 10000 mg/kg (Source: OECD_SIDS)

Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts (119345-04-9)	
LD50 oral rat	> 2000 mg/kg (Source: EPA_HPV)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)

Sodium hydroxide (1310-73-2)	
LD50 oral rat	325 mg/kg (Source: OECD_SIDS)
LD50 dermal rabbit	1350 mg/kg (Source: NLM_HSDB)

Skin corrosion/irritation : Causes skin irritation.

Sodium hydroxide (1310-73-2)	
pH	12 (conc: 0.05 % (solution)

Serious eye damage/irritation : Causes serious eye damage.

Sodium hydroxide (1310-73-2)	
pH	12 (conc: 0.05 % (solution)

Respiratory or skin sensitisation : Not classified.

Germ cell mutagenicity : Not classified.

Carcinogenicity : Not classified.

Hydrogen peroxide (7722-84-1)	
IARC group	3 - Not classifiable

Phosphonic acid, (1-hydroxyethylidene)bis- (2809-21-4)	
NOAEL (chronic, oral, animal/male, 2 years)	≥ 384 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEL (chronic, oral, animal/female, 2 years)	≥ 493 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Reproductive toxicity : Suspected of damaging fertility or the unborn child

2-Pyrrolidinone, 1-octyl- (2687-94-7)	
NOAEL (animal/male, F0/P)	1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 443 (Extended One-Generation Reproductive Toxicity Study), Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]
NOAEL (animal/female, F0/P)	100 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 443 (Extended One-Generation Reproductive Toxicity Study), Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]

Phosphonic acid, (1-hydroxyethylidene)bis- (2809-21-4)	
NOAEL (animal/male, F1)	≈ 294 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]

STOT-single exposure : Not classified.

Hydrogen peroxide (7722-84-1)	
STOT-single exposure	May cause respiratory irritation.

Sodium hydroxide (1310-73-2)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Phosphonic acid, (1-hydroxyethylidene)bis- (2809-21-4)	
LOAEL (oral, rat, 90 days)	169 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (oral, rat, 90 days)	41 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts (119345-04-9)	
NOAEL (oral, rat, 90 days)	25 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified.

Liquid Scrub™ Drain Cleaner	
Viscosity, kinematic	No data available

Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates (68130-47-2)	
Viscosity, kinematic	No data available

2-Pyrrolidinone, 1-octyl- (2687-94-7)	
Viscosity, kinematic	No data available

Hydrogen peroxide (7722-84-1)	
Viscosity, kinematic	No data available

Phosphonic acid, (1-hydroxyethylidene)bis- (2809-21-4)	
Viscosity, kinematic	No data available

Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts (119345-04-9)	
Viscosity, kinematic	No data available

Sodium hydroxide (1310-73-2)	
Viscosity, kinematic	No data available

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/effects after eye contact : Causes serious eye damage. May cause burns. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic symptoms : Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified.

Hazardous to the aquatic environment, long–term (chronic) : Not classified.

2-Pyrrolidinone, 1-octyl- (2687-94-7)	
LC50 - Fish [1]	12.8 – 44.8 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)
EC50 - Crustacea [1]	7.59 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	19 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	5 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	2.5 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.91 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '35 d'

Hydrogen peroxide (7722-84-1)	
LC50 - Fish [1]	16.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas Source: IUCLID)
EC50 - Crustacea [1]	18 – 32 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 - Fish [2]	18 – 56 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 72h - Algae [1]	1.38 mg/l Test organisms (species): Skeletonema costatum
LOEC (chronic)	1.25 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.63 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Phosphonic acid, (1-hydroxyethylidene)bis- (2809-21-4)	
LC50 - Fish [1]	868 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: IUCLID)
EC50 - Crustacea [1]	527 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Other aquatic organisms [1]	1770 mg/l Test organisms (species): Palaemonetes pugio
LC50 - Fish [2]	360 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)
EC50 96h - Algae [1]	7.23 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [2]	3 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (acute)	1000 mg/kg (Exposure time: 14 Days - Species: Eisenia foetida [soil dry weight])
NOEC (chronic)	6.75 mg/l Test organisms (species): Daphnia magna Duration: '28 d'

Sodium hydroxide (1310-73-2)	
LC50 - Fish [1]	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)

Sodium hydroxide (1310-73-2)	
EC50 - Crustacea [1]	40 mg/l

12.2. Persistence and degradability

Liquid Scrub™ Drain Cleaner	
Persistence and degradability	Not established.

Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates (68130-47-2)	
Persistence and degradability	Rapidly degradable

2-Pyrrolidinone, 1-octyl- (2687-94-7)	
Persistence and degradability	Rapidly degradable

Hydrogen peroxide (7722-84-1)	
Persistence and degradability	Rapidly degradable

Phosphonic acid, (1-hydroxyethylidene)bis- (2809-21-4)	
Persistence and degradability	Rapidly degradable

Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts (119345-04-9)	
Persistence and degradability	Rapidly degradable

Sodium hydroxide (1310-73-2)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Liquid Scrub™ Drain Cleaner	
Bioaccumulative potential	Not established.

2-Pyrrolidinone, 1-octyl- (2687-94-7)	
Partition coefficient n-octanol/water	4.15 (at 20 °C (at pH 7)

Hydrogen peroxide (7722-84-1)	
BCF - Fish [1]	(no bioaccumulation)

Phosphonic acid, (1-hydroxyethylidene)bis- (2809-21-4)	
BCF - Fish [1]	(50 dimensionless)
Partition coefficient n-octanol/water	-3.5

Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts (119345-04-9)	
Partition coefficient n-octanol/water	≤ -2.68 (at 20 °C)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified.
Fluorinated greenhouse gases : No
Other information : No other effects known.

SECTION 13 Disposal considerations

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14 Transport information

In accordance with DOT / TDG

DOT	TDG
14.1. UN number	
Not regulated	Not regulated
14.2. Proper Shipping Name	
Not regulated	Not regulated
14.3. Transport hazard class(es)	
Not regulated	Not regulated
14.4. Packing group	
Not regulated	Not regulated
14.5. Environmental hazards	
Not regulated	Not regulated
No supplementary information available.	

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

TDG
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. State regulations

WARNING: This product can expose you to chemicals including 1,4-dioxane, which is known to the State of California to cause cancer, and Sulfur dioxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16 Other Information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Revision date	:	2025-11-14
Issue date	:	2025-11-14
Other information	:	None.
Prepared by	:	Nexreg Compliance Inc. www.Nexreg.com

SDS HazCom 2024 - WHMIS 2022 (Nexreg) 2025

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