



SAFETY DATA SHEET

Revision Date 09/27/2017

REVISION NUMBER: 8

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name PROXI CONCENTRATE

Other means of identification

Product code 118502
UN/ID No. 3264
Synonyms SNAP! PROXI

Item #: D4122, D4522-SNAP
 Marketed by:
 Liberty Enterprises
 43 Liberty Drive
 Amsterdam, NY 12010
www.LibertyCleanProducts.com
 (518) 954-3002

Recommended use of the chemical and restrictions on use

Recommended Use Cleaning agent.
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address
 Rochester Midland Corporation
 155 Paragon Drive
 Rochester, New York 14624 USA

Importer
 Rochester Midland Canada Corporation
 5353 John Lucas Drive
 Suite 103
 Burlington, ON L7L 6G5
 Canada

Emergency telephone number

EMERGENCY TELEPHONE
 INFOTRAC: 1-800-535-5053
 OUTSIDE U.S.: +1-352-323-3500
 CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

Classification

Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
 This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.


Skin corrosion/irritation	Category 1 Sub-category A
Serious eye damage/eye irritation	Category 1

Label elements

Emergency Overview

DANGER

Hazard statements
 Causes severe skin burns and eye damage



Appearance Clear Colorless	Physical state Liquid	Odor Clean Cotton Fragrance Added
-----------------------------------	------------------------------	--

Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
 Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician
 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/physician
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Immediately call a POISON CENTER or doctor/physician
 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

No information available

Other Information

Unknown Acute Toxicity 7.12% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms SNAP! PROXI.

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
Phosphoric acid	7664-38-2	2.52	
Hydrogen Peroxide	7722-84-1	7.5	

4. FIRST AID MEASURES

First aid measures

General advice Immediately call a POISON CENTER or doctor/physician.

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 or doctor/physician.

Skin contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Ingestion IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

CORROSIVE MATERIAL. Avoid exposure to mist and splashes. Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Containers can build up pressure if exposed to heat (fire).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush residue with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling DANGER: Mildly acidic liquid. Avoid contact with eyes, skin and clothing. Do not breathe the mist or vapors. Mix only with water. Keep out of reach of children. Read and follow label instructions.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep/store only in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not reuse container.

Incompatible materials Do not store near alkaline materials. Chlorine containing materials. Reducing agents. Avoid contact with aluminum, zinc, other soft metals or galvanized metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH IDLH
Phosphoric acid	STEL: 3 mg/m ³	(vacated) STEL: 3 mg/m ³	1000 mg/m ³

7664-38-2	TWA: 1 mg/m ³	(vacated) TWA: 1 mg/m ³ TWA: 1 mg/m ³	
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	(vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m ³ TWA: 1 ppm TWA: 1.4 mg/m ³	75 ppm

Appropriate engineering controls

ENGINEERING CONTROLS Showers. Eyewash stations. Ventilation systems.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Goggles and face shield are recommended to minimize eye contact.
- Skin and body protection** Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact. Appropriate protective clothing as needed to prevent skin contact. Liquid may penetrate leather shoes and cause delayed burns. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
- RESPIRATORY PROTECTION** Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Clean Cotton Fragrance Added
Appearance	Clear Colorless	Odor threshold	No information available
Color	Colorless	Remarks • Method	+/- 0.5 (3.0 at 1:10 dilution; 4.5 at 1: 32 dilution, 7.3 at 1:256 dilution)
Property	Values		
pH	3.0		
Melting point/freezing point	No information available		
Boiling point / boiling range	100 °C / 212 °F		
Flash point	-		None to boiling.
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	No information available		
Lower flammability limit:	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific gravity	1.016 - 1.046		
Water solubility	No information available		
Solubility in other solvents	No information available		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	No information available		
Kinematic viscosity	No information available		
Dynamic viscosity	No information available		
Explosive properties	No information available		
Oxidizing properties	No information available		
Other Information			
Softening point	No information available		
VOC (EPA METH.24) (G/L):	13.7		
Density	8.59 lbs/gal (1.03 kg/l)		

Bulk density No information available

10. STABILITY AND REACTIVITY

REACTIVITY
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

CONDITIONS TO AVOID
NONE KNOWN.

Incompatible materials
Do not store near alkaline materials. Chlorine containing materials. Reducing agents. Avoid contact with aluminum, zinc, other soft metals or galvanized metals.

Hazardous Decomposition Products
If evaporated to dryness, as in a fire, material may burn, releasing: Soot. Smoke. Carbon monoxide. Oxides of Phosphorus.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Causes severe skin burns and eye damage.
Inhalation	Causes burns.
Eye contact	Corrosive to the eyes and may cause severe damage including blindness.
Skin contact	Causes burns.
Ingestion	Causes burns.

PRODUCT COMPOSITION	Oral LD50	Dermal LD50	Inhalation LC50
Phosphoric acid 7664-38-2	= 1530 mg/kg (Rat)	= 2730 mg/kg (Rabbit)	> 850 mg/m ³ (Rat) 1 h
Hydrogen Peroxide 7722-84-1	= 801 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	= 2 g/m ³ (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

PRODUCT COMPOSITION	ACGIH	IARC	NTP	OSHA
Hydrogen Peroxide 7722-84-1	A3	Group 3	-	-

Reproductive Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 7.12% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .
ATEmix (oral) 9082 mg/kg
ATEmix (dermal) 21399 mg/kg
ATEmix (inhalation-dust/mist) 20 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

9.64% of the mixture consists of components(s) of unknown hazards to the aquatic environment

PRODUCT COMPOSITION	Algae/aquatic plants	Fish	Crustacea
Hydrogen Peroxide 7722-84-1	-	16.4: 96 h Pimephales promelas mg/L LC50 10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static 18 - 56: 96 h Lepomis macrochirus mg/L LC50 static	18 - 32: 48 h Daphnia magna mg/L EC50 Static

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

DEPT. OF TRANSPORTATION

UN/ID No. 3264
Proper shipping name CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (PHOSPHORIC ACID)
Hazard Class 8
Packing Group III
Description 5 Liters (1.3 Gallons) and Less may be Classed as LTD. QTY.

TDG

UN/ID No. 3264
Proper shipping name CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (PHOSPHORIC ACID)
Hazard Class 8
Packing Group III
Description 5 Liters (1.3 Gallons) and Less may be Classed as LTD. QTY.

IMDG

UN/ID No. 3264
Proper shipping name CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (PHOSPHORIC ACID)
Hazard Class 8
Packing Group III
Special Provisions LIMITED QUANTITY

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Complies
ENCS Complies
IECSC Complies
KECL Complies
PICCS Complies
AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD YES
CHRONIC HEALTH HAZARD No
FIRE HAZARD No
Sudden release of pressure hazard No
REACTIVE HAZARD No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

PRODUCT COMPOSITION	Hazardous Substances RQs (in LBS)	U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
Phosphoric acid 7664-38-2	5000	
Hydrogen Peroxide 7722-84-1	-	1000

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

PRODUCT COMPOSITION	NJRTK:	MARTK:	PARTK:
Phosphoric acid 7664-38-2	Listed	Listed	Listed
Hydrogen Peroxide 7722-84-1		Listed	Listed

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA

Health hazards 2

Flammability 0

Instability 0

Physical and Chemical Properties -

HMIS

Health hazards 2

Flammability 0

Physical hazards 0

Personal protection B

Prepared By

EH&S DEPARTMENT

Revision Date

09/27/2017

Revision Note

Revised the physical properties in Section 9.

Disclaimer

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.

*** END OF SDS ***