

SAFETY DATA SHEET

READY TO USE & CONCENTRATE

SECTION 1. IDENTIFICATION

GHS PRODUCT IDENTIFIER: NexxChem ProRx Concrete & Masonry Cleaner

OTHER MEANS OF IDENTIFICATION: ProRx Concrete & Masonry Cleaner

PRODUCT CODE: PRX-CC032
PRX-CC001
PRX-CC005

PRODUCT TYPE: Liquid Cleaner

IDENTIFIED USES: Cleaning Concrete and Masonry Surfaces

SUPPLIER / MANUFACTURER: NexxChem, LLC
407 South 17th St., Clear Lake, IA 50428
641-357-1455

**EMERGENCY TELEPHONE NUMBER
WITH HOURS OF OPERATION:** 641-357-1455

SECTION 2. HAZARDS IDENTIFICATION

OSHA/MCS STATUS: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: Acute Toxicity-Oral: Category 5
Skin Corrosion/Irritation: Category 3
Serious Eye Damage/Eye Irritation: Category 2B

GHS LABEL ELEMENTS

HAZARD PICTOGRAMS:

SIGNAL WORD: Warning

HAZARD STATEMENTS: H303 - May be harmful if swallowed.
H316 - Causes mild skin irritation.
H320 - Causes eye irritation

PRECAUTIONARY STATEMENTS

PREVENTION: P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash hands thoroughly.
P280 - Wear protective gloves. Wear eye or face protection.
Wear protective clothing.

RESPONSE: P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

STORAGE: P404 - Store in a closed container

DISPOSAL: Dispose of contents and container in accordance with all local, regional, national and international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (NHOC): None known.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL	CAS#	%
Proprietary		<90%

Any concentration shown as a range is to protect confidentiality or is due to batch variation. The identity of this material is a trade secret (29 CFR 1910.1200(i)) and is available to any attending physician, paramedical personnel and/or spill response personnel in the case of an emergency. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST AID MEASURES**DESCRIPTION OF NECESSARY FIRST AID MEASURES**

- EYE CONTACT:** If wearing contacts, first remove. Flush eyes with water as a precaution. If irritation occurs consult a physician.
- INHALATION:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- SKIN CONTACT:** Remove any contaminated clothing first. Wash off with soap and plenty of water. If irritation occurs consult a physician.
- INGESTION:** Never give anything by mouth to an unconscious person. Rinse mouth with water. If irritation occurs consult a physician.

MOST IMPORTANT SYMPTOMS, EFFECTS, ACUTE AND DELAYED POTENTIAL ACUTE HEALTH EFFECTS

- EYE CONTACT:** May cause eye irritation.
- INHALATION:** No known significant effects or critical hazards.
- SKIN CONTACT:** May cause mild skin irritation.
- INGESTION:** NA
- MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** NA

OVER-EXPOSURE SIGNS/SYMPTOMS

- EYE CONTACT:** Adverse symptoms may include the following: Pain, watering, redness.
- INHALATION:** No known significant effects or critical hazards.
- SKIN CONTACT:** Adverse symptoms may include the following; irritation.
- INGESTION:** No known significant effects or critical hazards.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

- NOTES PHYSICIAN:** Treat symptomatically.
- SPECIFIC TREATMENTS:** No specific treatment.
- PROTECTION OF FIRST-AIDERS:** No additional information

SECTION 5. FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

- SUITABLE EXTINGUISHING MEDIA:** Product does not support combustion, use extinguishing agent type for surrounding fire.
- UNSUITABLE EXTINGUISHING MEDIA:** None known.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** No specific fire or explosion hazard.
- HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:** Not available.

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**SPECIAL PROTECTIVE ACTIONS
FOR FIRE-FIGHTERS:**

No special measures are required.

**SPECIAL PROTECTIVE EQUIPMENT FOR
FIRE-FIGHTERS:**

Fire-fighters should wear appropriate protective equipment and self-containing breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

FOR NON-EMERGENCY PERSONNEL:

Use personnel protective equipment. Avoid breathing any vapors or mist. Ensure adequate ventilation. Move personnel to safe areas.

FOR EMERGENCY RESPONDERS:

Use personnel protective equipment. Avoid breathing any vapors or mist. Ensure adequate ventilation. Move personnel to safe areas.

ENVIRONMENTAL PRECAUTIONS:

Soak up with inert absorbent material and dispose of in accordance with local and state disposal regulations. Keep in suitable closed containers for proper disposal.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

LARGE OR SMALL SPILL: For disposal see section 13

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES:

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing.

**ADVICE ON GENERAL OCCUPATIONAL
HYGIENE:**

Handle in accordance with good industrial hygiene. Personnel protective equipment may be worn for added safety. Wash hands before all breaks and at the end of the day.

**CONDITIONS FOR SAFE STORAGE
INCLUDING ANY INCOMPATIBILITIES:**

Keep container tightly closed in a dry and well ventilated place. Open containers must be carefully closed/resealed and kept upright to prevent leakage. Do not mix with strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT NAME**EXPOSURE LIMITS**

Contains no substances with occupational exposure limit values.

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS:

Handle in accordance with good industrial hygiene. Personnel protective equipment may be worn for added safety with the below recommended equipment. Wash hands before all breaks and at the end of the day.

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INDIVIDUAL PROTECTION MEASURES EYE/FACE/RESPIRATORY PROTECTION:

EYE/FACE PROTECTION: While eye protection is not required, where protection from nuisance levels are desired, use equipment for eye protection tested and approved under appropriate government standards such as NIOSH(US) or EN 166(EU)

SKIN PROTECTION: While skin protection is not required, where protection from nuisance levels are desired. Gloves must be inspected prior to use. Use proper glove removal technique. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full and/or Splash contact: Nitrile Rubber

If mixed with other substances, and under conditions which differ from product directions, contact your glove supplier. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

BODY PROTECTION: While body protection is not required, where protection from nuisance levels are desired, choose body protection in relation to its type, to the concentration and to the specific work-place.

RESPIRATORY PROTECTION: While respiratory protection is not required, where protection from nuisance levels are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

ENVIRONMENTAL EXPOSURE CONTROLS: Do not let product enter storm drains.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Light Blue/Green
PHYSICAL STATE:	Liquid
ODOR:	Mild soapy
ODOR THRESHOLD:	NA
PH:	NA
MELTING POINT:	≤ 26° F
FREEZING POINT:	NA
BOILING POINT:	> 234°F (>112° C)
FLASH POINT:	NA
EVAPORATION RATE:	NA
FLAMMABILITY (SOLID,GAS):	NA
LOWER AND UPPER EXPLOSIVE:	NA
VAPOR PRESSURE:	NA
VAPOR DENSITY:	NA
DENSITY (H ₂ O = 1):	1.06 ± .02
SOLUBILITY:	Complete in H ₂ O
PARTITION COEFFICIENT N-OCTANOL/WATER:	NA
AUTO-IGNITION TEMPERATURE:	NA
DECOMPOSITION TEMPERATURE:	NA
VISCOSITY:	NA
PERCENT SOLIDS BY WEIGHT:	NA

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VOLATILE ORGANIC COMPOUNDS (VOC): NA

SECTION 10. STABILITY AND REACTIVITY**REACTIVITY:** This material is considered to be non-reactive under normal conditions of use.**CHEMICAL STABILITY:** The product is stable under recommended storage conditions.**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available**CONDITIONS TO AVOID:** No specific data.**INCOMPATIBLE MATERIALS:** Reactive or incompatible with the following materials: strong oxidizing agents**HAZARDOUS DECOMPOSITION PRODUCTS:** No data available**HAZARDOUS POLYMERIZATION:** NA**SECTION 11. TOXICOLOGICAL INFORMATION****INFORMATION ON TOXICOLOGICAL EFFECTS****ACUTE TOXICITY**

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
Proprietary	LD50	Rat	3,365 mg/kg	Oral

IRRITATION/CORROSION:

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	SCORE	EXPOSURE	OBSERVATION

SENSITIZATION: No data available.**CARCINOGENICITY****CLASSIFICATION**

PRODUCT/INGREDIENT NAME	OSHA	IARC	NTP	ACGIH
Proprietary	No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen or potential carcinogen by OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen or potential carcinogen by IARC	No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen or potential carcinogen by NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen or potential carcinogen by ACGIH

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): No data available.**SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):** No data available.**ASPIRATION HAZARD:** No data available.**POTENTIAL ACUTE HEALTH EFFECTS****INFORMATION ON THE LIKELY ROUTES OF EXPOSURE:** Dermal contact. Eye contact. Inhalation. Ingestion.**EYE CONTACT:** Causes eye irritation.**INHALATION:** No known significant effects or critical hazards.

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SKIN CONTACT: May cause mild skin irritation

INGESTION: No data available

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

EYE CONTACT: Pain, watering, redness.

INHALATION: No known significant effects or critical hazards.

SKIN CONTACT: Pain or irritation, redness may occur.

INGESTION: No data available

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONGER TERM EXPOSURE

SHORT TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS: No known significant effects or critical hazards.

POTENTIAL DELAYED EFFECTS: No known significant effects or critical hazards.

LONG TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS: No known significant effects or critical hazards.

POTENTIAL DELAYED EFFECTS: No known significant effects or critical hazards.

POTENTIAL CHRONIC HEALTH EFFECTS

GENERAL: No known significant effects or critical hazards.

CARCINOGENICITY: No known significant effects or critical hazards.

MUTAGENICITY: No known significant effects or critical hazards.

TERATOGENICITY: No known significant effects or critical hazards.

DEVELOPMENTAL EFFECTS: No known significant effects or critical hazards.

FERTILITY EFFECTS: No known significant effects or critical hazards.

NUMERICAL MEASURES OF TOXICITY

ACUTE TOXICITY ESTIMATES

ROUTE	ATE VALUE
Oral Dermal Inhalation (vapors)	No data available

SECTION 12. ECOLOGICAL INFORMATION

TOXICITY

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	EXPOSURE
No data available			

PERSISTENCE DEGRADABILITY: No data available.

BIOACCUMULATIVE POTENTIAL: Does not bioaccumulate

PRODUCT/INGREDIENT NAME	LogP _{ow}	BCF	POTENTIAL

MOBILITY IN SOIL
SOIL/WATER PARTITION COEFFICIENT (K_{oc}): No data available

OTHER ADVERSE EFFECTS: No known significant effects or critical hazards.

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SECTION 13. DISPOSAL CONSIDERATIONS**DISPOSAL METHODS:**

Offer surplus and non-recyclable solutions to a licensed disposal company.
Note: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waster. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3 Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification

SECTION 14. TRANSPORTATION INFORMATION

	DOT	IMDG	IATA
UN Number			
UN Proper Shipping Name			
Transport Hazard Class(es)			
Packing Group			
Environmental Hazards			
Additional Information	Not dangerous goods	Not dangerous goods	Not dangerous goods

AERG: NA

The proper shipping name and/or hazard class for this product may vary according to packaging, properties and mode of transportation. Customer is urged to consult 49 CFR 100-177, IMDG, IATA, EC, United Nations TDG and WH-MIS(Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods.

SECTION 15. REGULATORY INFORMATION**FEDERAL REGULATIONS****U.S. FEDERAL REGULATIONS:**

None of the chemicals are on the Health & Safety Reporting List.
None of the chemicals in this product are under a Chemical Test Rule

**CLEAN AIR ACT SECTION 112 (B)
HAZARDOUS AIR POLLUTANTS (HaPs):**

Not listed.

**CLEAN AIR ACT SECTION 602
CLASS I SUBSTANCES:**

Not listed.

**CLEAN AIR ACT SECTION 602
CLASS II SUBSTANCES:**

Not listed.

DEA List I Chemicals (Precursor Chemicals):

Not listed.

**SARA TITLE III:
(SUPERFUND AMENDMENTS
& REAUTHORIZATION ACT)**

None of the chemicals in the product have a TPQ. No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 302/304:

PRODUCT/INGREDIENT NAME	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)

SARA 304 RQ:**SARA 311/312 HAZARD CATEGORIES:**

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Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard

SARA 313 TOXIC CHEMICALS:

	Product Name	CAS Number	%
Form R – Reporting Requirements			
Supplier Notification			

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

STATE REGULATIONS

MASSACHUSETTS: None of the components are listed.
 NEW YORK: None of the components are listed.
 NEW JERSEY: None of the components are listed.
 PENNSYLVANIA: None of the components are listed.
 CALIFORNIA PROP. 65: None of the components are listed.

Name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level

CANADIAN REGULATIONS

CEPA DSL: NA

WHMIS CLASSES: NA

SECTION 16. OTHER INFORMATION

HMIS HAZARD CLASSIFICATION

HMIS HAZARD CLASSIFICATION: Health hazard: 0
 Flammability: 0
 Physical hazard: 0

NATIONAL FIRE PROTECTION ASSOCIATION: Health hazard: 0
 (USA) Flammability: 0
 Physical hazard: 0

HISTORY

DATE OF ISSUE MM/DD/YYYY: 12/17/2019

VERSION: 2

PREPARED BY:

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KEY ABBREVIATIONS:

ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service (Division of American Chemical Society)
DNEL = Derived No Effect Level
DOT = U.S. Department of Transportation
GHS = Globally Harmonized System of Classification and Labeling of Chemicals
HMIS = Hazardous Materials Identification System
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
EC50 = Lethal Concentrate, 50 percent
LD50 = Lethal Dose, 50 percent
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NIOSH = National Institute for Occupational Safety and Health
NPFA = National Fire Protection Association
OSHA = Occupational Safety and Health Administration
PBT = Persistent, Bioaccumulative, and toxic
PEL = Permissible Limit Value
REL = Recommended Exposure Limit
TLV = Threshold Limit Value
TWA = Time Weighted Average
UN = United Nations
vPvB = Very Persistent and Very Bioaccumulative
WEL = Workplace Exposure Limit

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