

Nox-Crete Kem-Ex-It Plus Rust Removal

Safety Data Sheet

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), (AU) WHS Regulations

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Form Mixture
Trade Name Nox-Crete Kem-Ex-It Plus Rust Removal
Product Code NOXKEMPLUS20

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use Industrial. For professional use only.

1.2.2 Uses Advised Against

No additional information available

1.3 Details of the supplier of the safety data sheet

Manufacturer

Supplier

NOX-CRETE MANUFACTURING INC

REID CONSTRUCTION SYSTEMS (TRADING AS RAMSETREID)

1444 SOUTH 20TH STREET

OMAHA, NE 68108

Tel: 402-341-2080

Fax: 402-341-9752

E-Mail: corporate@nox-crete.com

Web Site: www.nox-crete.com

1 RAMSET DRIVE

CHIRNSIDE PARK, VIC AUSTRALIA. 3116

Tel: 1300 780 250

EMERGENCY Tel: 13 11 26

E-Mail: sales@reid.com.au

Web Site: www.reid.com.au

23-29 POLAND ROAD

GLENFIELD, AUKLAND 0627, NEW ZEALAND

Tel: 0800 88 22 12

EMERGENCY Tel: 0800 764 766

E-Mail: sales@ramsetreid.co.nz

Web Site: www.reid.com.nz

1.4 Emergency telephone number

Emergency Number

Chemtrec (800) 424-9300

Chemtrec Outside of U.S. 703-527-3887

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Flam Liq. 4 H227

Met. Corr. 1 H290

Skin Corr. 1B H314

Full text of H phrases see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2 Label elements

Hazard pictograms



Signal word

Danger

Hazard statements

H227 - Combustible liquid

H290 - May be corrosive to metals

H314 - Causes severe skin burns and eye damage

Precautionary statements

Nox-Crete Kem-Ex-It Plus Rust Removal

Safety Data Sheet

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), (AU) WHS Regulations

Prevention: P210 - Keep away from heat/sparks/open flames/hot surfaces-No smoking
P234 - Keep only in original container.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash exposed areas thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection

Response: P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353 - IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P310 - IF IN EYES: Immediately call a POISON CENTER or doctor/physician
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing
P362 - Take off contaminated clothing and wash before reuse
P370+P378 - In case of fire: Use Dry chemical, foam, carbon dioxide for extinction

Storage: P403+P235 - Store in a well ventilated place. Keep cool.

Disposal: P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards None known

Section 3. Composition / information on ingredients

3.1 Substances

Not applicable

3.2 Mixture

Name	Product identifier	%
Phosphoric Acid Solution	Trade Secret	30--60
Ethoxylated Alcohol	CAS # 78330-21-9	1--5
Isobutanol	CAS # 201-148-0	1--5

Pursuant to 29CFR 1910.1200(i) the specific chemical identity (and / or) concentration is being withheld as Trade Secret, while all health and safety properties and effects are included in the SDS.

Full text of H and P phrases: see section 16

Section 4. First aid measures

4.1 Description of first aid measures

First-aid measures general

Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

Nox-Crete Kem-Ex-It Plus Rust Removal

Safety Data Sheet

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First-aid measures after inhalation	If the individual experiences nausea, dizziness, has difficulty In breathing seek a healthcare professional immediately. In all cases of doubt, or when symptoms persist, seek medical advice. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or doctor/physician.
First-aid measures after skin contact	If skin irritation persists, seek medical attention. Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off immediately with soap and plenty of water.
First-aid measure after eye contact	When contact lenses are worn, remove if possible. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes while holding eyelids apart. Get medical attention immediately.
First-aid measures after ingestion	Rinse mouth. DO NOT induce vomiting. Get medical attention immediately.

4.2 Most important symptoms and effects, acute and delayed

Symptoms/injuries after inhalation	May cause irritation to the respiratory tract. Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.
Symptoms/injuries after skin contact	May cause skin irritation or burning sensation
Symptoms/injuries after eye contact	May cause eye irritation or injury
Symptoms/injuries after ingestion	May cause severe irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials. Dry chemical, foam carbon dioxide
Unsuitable extinguishing media	Do not use heavy water stream

5.2 Special hazards arising from the substance or mixture

Reactivity	Thermal decomposition products may cause a health hazard.
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5.3 Advice for firefighters

Firefighting instructions	Use water spray or fog to cool exposed containers.
Protective equipment for firefighters	Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.
Other information	On heating or burning harmful gasses/vapors may be released. This product may cause the floor to become slippery.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures	Dike or impound spilled material. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup
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6.11 For non-emergency personnel

Emergency procedures	Evacuate unnecessary personnel.
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6.12 For emergency responders

Protective equipment	Equip cleanup crew with proper protective equipment.
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6.2 Environmental precautions

	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
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Nox-Crete Kem-Ex-It Plus Rust Removal

Safety Data Sheet

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6.3 Methods and materials for containment and cleaning up

Methods for cleaning up

Soak up spills with inert solids, such as clay or diatomaceous earth. Collect into vapor tight containers and dispose of properly.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures

Wash hands and other exposed areas with soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in work areas to prevent formation of vapor. When not in use keep containers tightly closed. Avoid breathing vapor or mist.

Hygiene measures

Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store in accordance with local regulations. Store in original container in a cool well ventilated place. Keep containers tightly closed until ready for use. Keep from freezing.

Incompatible materials

Organic and inorganic bases. Flammable hydrogen gas and heat may be released on prolonged contact with metals such as aluminum, tin, lead and galvanized metals.

Storage temperature

Prevent exposure to freezing temperatures.

7.3 Specific end uses

No additional information available

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Occupational exposure limits ACGIH TLV (United States, 2/2010)
Isobutanol	TWA 200 ppm
Phosphoric Acid Solution	TWA 1mg/m3
Ethoxylated Alcohol	Not Established

8.2 Exposure controls

Appropriate engineering controls

Use with adequate ventilation to keep product vapor concentrations below specified TLV

Eye and face protection

Chemical goggles and/or face shields are required to prevent potential eye contact, irritation or injury.

Skin protection

Wear chemical resistant gloves and appropriate protective clothing and boots as required to prevent skin contact. Wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

Respiratory protection

General room ventilation is normally adequate. Avoid breathing the product mist or vapors. The use of an appropriate respirator is recommended whenever the airborne concentrations exceed the TLV.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Nox-Crete Kem-Ex-It Plus Rust Removal

Safety Data Sheet

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Appearance	Colorless liquid
Odor	Mild
Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	100 C (212 F)
Flash point	>60 C (140 F) < 93 C (200 F)
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (Specific gravity)	1.18 Kg per Liter 9.8 Lbs per Gallon
Solubility	Water: Complete
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	Not applicable
Oxidizing properties	Not applicable
<u>9.2 Other information</u>	
VOC content	No data available

Section 10. Stability and reactivity

<u>10.1 Reactivity</u>	No additional information available
<u>10.2 Chemical stability</u>	Stable under normal conditions
<u>10.3 Possibility of hazardous reactions</u>	Hazardous polymerization will not occur.
<u>10.4 Conditions to avoid</u>	Extreme high or low temperatures. Avoid freezing
<u>10.5 Incompatible materials</u>	
<u>10.6 Hazardous decomposition products</u>	Carbon Monoxide & Carbon Dioxide

Section 11. Toxicology information

<u>11.1 Information on toxicological effects</u>	
Acute toxicity	No adverse effects expected under intended use.
Irritation/Corrosion	May cause skin irritation
Skin	
Eyes	May causes serious eye irritation and damage.
Respiration or skin sensitization	May cause respiratory irritation
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity	
Single exposure	Not classified
Repeated exposure	Not classified
Aspiration hazard	Not classified

Section 12. Ecological information

Nox-Crete Kem-Ex-It Plus Rust Removal

Safety Data Sheet

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<u>12.1 Toxicity</u>	Not established
<u>12.2 Persistence and degradability</u>	Not established
<u>12.3 Bioaccumulative potential</u>	Not established
<u>12.4 Mobility in soil</u>	No additional information available
<u>12.5 Results of PBT and vPvB assessment</u>	No additional information available
<u>12.6 Other adverse effects</u>	Avoid release to the environment

SECTION 13. Disposal Considerations

<u>13.1 Waste treatment methods</u>	The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
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SECTION 14. Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

<u>14.1 UN number</u>	UN1760
<u>14.2 UN proper shipping name</u>	CORROSIVE LIQUID, N.O.S.,(CONTAINS PHOSPHORIC ACID)
<u>14.3 Transport hazard class(es)</u>	8 Corrosive substances
<u>14.4 Packing group</u>	III
<u>14.5 Environmental hazards</u>	No additional information available
<u>14.6 Special precautions for user</u>	
<u>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</u>	No additional information available

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.2 USA Regulations

Section 313
TSCA

None of the ingredients is listed
All ingredients are listed

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16. Other information

Date of issue	12-8-2016
Version	2.4
Number	518-R
Date of previous issue	11-20-2015
Preparer	Nox-Crete Manufacturing Inc.

Reference Documentation

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and Buyer may rely thereon

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Safety Data Sheet

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Full text of H, P and EUH phrases

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Met. Corr. 1	H290
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