

# Material Safety Data Sheet



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## PRODUCT: KEM-EX-IT PLUS

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### SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: KEM-EX-IT PLUS  
Manufacturer's Product Code: KXP  
Other Names: None  
Recommended Uses: Concrete Equipment Cleaner

Reid Constructions Systems (Aust) Pty Limited ACN 004 297 009  
A Division of ITW Construction Products  
Maroondah Highway,  
Mooroolbark, Victoria, Australia, 3138  
Telephone: 1300 780 250  
Emergency Telephone Number: 1300 780 250 (Monday to Friday, 8 am to 5 pm EST)

### SECTION 2: HAZARDS IDENTIFICATION

#### Corrosive

#### Risk Phrases:

- R34                      Causes burns
- R67                      Vapors may cause drowsiness or dizziness

#### Safety Phrases:

- S26                      In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37/39                      Wear suitable gloves and eye/face protection.
- S45                      In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).
- S24/25                      Avoid contact with skin and eyes.



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ITW Ramset Australia Pty. Ltd. ABN 48 004 297 009 Trading as Reid Construction Systems

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## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Chemical Identity	CAS Number	Proportion %
Phosphoric Acid	7664-38-2	30---60
Isopropyl Alcohol	67-63-0	1 -10
Tridecyl Alcohol Ethoxylate	78330-21-9	1--10

## SECTION 4: FIRST AID MEASURES

### ACUTE

**Ingestion:** If swallowed DO NOT induce vomiting. Give 2 – 4 glasses of water to drink. Seek medical attention immediately.

**Eye:** In case of contact hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Get medical attention immediately.

**Skin:** Remove contaminated clothing and shoes. Wash affected areas thoroughly with soap and water. Wash clothing before reuse. Contact doctor immediately if irritation (redness, rash, blistering) develops.

**Inhalation:** May be irritating to the respiratory tract. If irritation, headache, nausea or drowsiness occurs remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

## SECTION 5: FIRE FIGHTING MEASURES

### Suitable Extinguishing Media:

Use the appropriate extinguishing media for the surrounding fire.

### Hazardous products of combustion:

None known.

### Special protective precautions and equipment for fire-fighters:

Fire-fighters should wear self-contained breathing apparatus and full protective gear.

**Hazchem code:** No Data Available

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Emergency procedures:

Cleanup personnel should wear suitable protective equipment. Do not allow product to enter drains, sewers or water courses.

### Methods and materials for containment and clean up

Dike or impound spilled material. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect into vaportight containers and dispose of properly.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Keep container closed when not in use. Use only with adequate ventilation.

### Conditions for safe storage, including any incompatibilities

Store product in a cool dry environment away from sources of ignition.

### Prevent exposure to freezing temperatures.

Never store in metal containers. Always store in plastic containers.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### National exposure standards

Phosphoric Acid	1 mg/m <sup>3</sup> 8-hour TWA
Isopropyl Alcohol	400 ppm 8-hour TWA

### Biological limit values

No Data Available

### Engineering controls

Use with adequate ventilation to keep product vapour concentrations below specified TLV.

### Personal protective equipment

**Eye/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.

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**Respiratory Protection:** General room ventilation is normally adequate. Avoid breathing the product mist. The use of a NIOSH approved respirator is recommended whenever the airborne concentrations exceed the TLV.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colorless liquid  
**Odour:** Little or no odour  
**PH:** No Data Available  
**Vapour Pressure:** No Data Available  
**Boiling Point / Range:** 135 deg C  
**Freezing / Melting Point:** No Data Available  
**Solubility in Water:** Soluble  
**Specific Gravity:** 1.17 (Water = 1.0)  
**Flashpoint and Method:** Negligible fire hazard  
**Flammability Limit:** No Data Available  
**Explosive Limit:** No Data Available  
**Ignition Temperature:** No Data Available

#### Other Properties:

**Specific Heat Value:** No Data Available  
**Particle Size:** No Data Available  
**Volatile Organic Compound Content (VOC):** Less than 50 grams per litre  
**Evaporation Rate:** No Data Available  
**Viscosity:** No Data Available  
**Percent Volatile:** No Data Available  
**Octanol / Water Partition Coefficient:** No Data Available  
**Vapour Density:** No Data Available

### SECTION 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable

**Conditions to avoid:** Prevent exposure to freezing temperatures.

**Incompatible materials:** Flammable hydrogen gas and heat may be produced on prolonged contact with metals such as aluminium, tin, lead, galvanized metals and zinc.

**Hazardous decomposition products:** None known

**Hazardous reactions:** No Data Available

### SECTION 11: TOXICOLOGICAL INFORMATION

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### Health effects – Acute

#### Ingestion

Ingestion may cause severe burns, irritation and possible tissue destruction to mucous membranes of the mouth, throat, esophagus and stomach.

#### Eye

May cause extreme irritation, burns and corneal injury.

#### Skin

May cause severe burns which may not be immediately painful or visible.

#### Inhalation

May cause severe respiratory tract and lung damage.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No Data Available

Persistence and biodegradability: No Data Available

Mobility: No Data Available

Additional information: No Data Available

Environmental fate (exposure): No Data Available

Bioaccumulative potential: No Data Available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Care must be taken to prevent environmental contamination from the use of this material. 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 non-hazardous wastes.**

Special precautions for landfill or incineration: No Data Available

## SECTION 14: TRANSPORT INFORMATION

UN Number:

UN 1760

UN Proper Shipping Name:

Corrosive Liquid n.o.s. (phosphoric acid)

Class and subsidiary risk:

8

Packaging Group:

III

Special Precautions for User: No Data Available

Hazchem Code: No Data Available

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## SECTION 15: REGULATORY INFORMATION

**Poisons Schedule:** No Data Available

**NICNAS Status:** No Data Available

## SECTION 16: OTHER INFORMATION

### Carcinogenicity

No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).

### Reference Documentation

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