

## MATERIAL SAFETY DATA SHEET

### SECTION 1. Identification of Product and Company

Product Name: PROXIMA  
Product Use: Scale and fouling inhibitor  
Supplier's Name: Kontec Water Treatment equipment manufacturing LLC  
Telephone Number: +971-42587862  
Address: Al Qusais Ind.-1 – Dubai.  
Date of MSDS: Dec 27, 2020

### SECTION 2. Composition/information on ingredients

2.0 Chemical nature: Acid.

### SECTION 3. Hazards Identification

3.1 Classification according to EC regulation 1272/2008 (CLP)

3.2 Met. Corr. 1; H290.

3.3 Acute Tox. 4; H302 Harmful if swallowed.

3.4 Eye Dam. 1; H318 Causes eye damage.



3.5 Signal Word: Danger

3.6 Store only in corrosive resistant containers.

3.7 Wear protective gloves/protective clothing/eye protection/face protection.

## SECTION 4. First -aid Measures

### 4.1 Inhalation:

Move to fresh air. No hazards which require special first aid.

### 4.2 Skin contact:

Wash with water and soap as a precaution. In case of persistent skin irritation, consult a physician.

### 4.3 Eye contact:

Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent Eye irritation consult a physician.

### 4.4 Ingestion:

Rinse mouth. Do not induce vomiting without medical advice, call a physician.

## SECTION 5. Fire-fighting Measures

### 5.1 General information:

Extinguishing materials should be selected according to the surrounding area. The product itself is not combustible.

### 5.2 Suitable extinguishing media:

Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. Water fog. Foam.

### 5.3 Extinguishing media which must not be used for safety reasons:

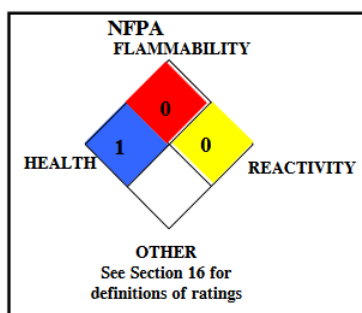
High power water jet

### 5.4 Special protective equipment for fire-fighters:

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

### 5.5 Additional information:

Contaminated fire-fighting water must be collected separately.



## SECTION 6. Accidental Release Measures

### 6.1 Personal precautions:

See protective measures under point 7 and 8.

Keep people away from spill/leak. Wear adequate personal protective.

### 6.2 Environmental precautions:

No special environmental protection measures are necessary.

As with all chemical products, do not flush into surface water.

### 6.3 Methods for cleaning up:

Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

### 6.4 Additional information:

None.

## SECTION 7. Handling and Storage

### Handling

#### 7.1 Information for safe handling:

The following must be prevented: metals.

#### 7.2 Technical measures and storage conditions:

Provide for sufficient ventilation and punctiform suction at critical points.

#### 7.3 Precautions against fire and explosion:

No special precautionary measures are necessary.

#### 7.4 Additional information: none.

### Storage

#### 7.5 Technical measures and storage conditions:

Maximum storage temperature: 49 °C

Minimum storage temperature: 5 °C

### 7.6 Technical measures/ Storage conditions:

No special storage conditions required.

## SECTION 8. Exposure Control and Personal Protection Equipment

### 8.1 Engineering measures:

Use local exhaust if misting occurs. Natural ventilation is adequate in present of mists. Personal protective equipment:

### 8.2 Respiratory protection:

Not required, except in case of aerosol formation.

### 8.3 Hand protection:

Impervious gloves

### 8.4 Eye protection:

Safety glasses with side-shields. Do not wear contact lenses where this product is used.

### 8.5 Skin and body protection:

Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely

### 8.6 General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

## SECTION 9. Physical and Chemical Properties

### 9.1 Physical State and

**Appearance:**

Liquid, slightly yellowish

**9.2 Specific Gravity:**

1.0-1.13g/cm<sup>3</sup> @ 20°C

**9.3 pH Value:**

2.0-3.0 @ 20°C,

**9.4 Freezing Point**

32°F

**9.5 Flash Point:**

>100 °C

**9.6 Odor:**

Mild

**9.7 Melting Point:**

N/D available

**9.8 Boiling Point:**

212°F

**9.9 Solubility in Water:**

Complete

**9.10 Evaporation Rate:**

N/D available

**9.11 Vapor Density:**

N/D available

**9.12 Molecular Weight:**

N/D available

**9.13 Viscosity:**

<100

- 9.14 Flammable Limits:** N/A  
**9.15 Autoignition Temperature:** N/A  
**9.16 VOC:** N/D available

## SECTION 10. Stability and Reactivity

### 10.1 Chemical Stability:

Stable at normal temperatures and pressures.

### 10.2 Incompatibility with Various Substances:

Strong oxidizing materials, Strong bases materials.

### 10.3 Hazardous Decomposition

Oxides of carbon Products

**10.4 Possibility of Hazardous. Reactions:** Non known.

## SECTION 11. Toxicological Information

### 11.1 Acute toxicity:

Oral LD50 (rat): >3000mg/kg (NOTE - Estimated value)  
Dermal LD 50(rabbit): >3000 mg/kg (NOTE - Estimated value)

### 11.2 Sensitization:

Based on available data, the classification criteria are not met. Data based on animal data and human exposure reports.

## SECTION 12. Ecological Information

### 12.1 General information:

Water hazard class 1: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or un-neutralized.

### 12.2 Ecotoxicity:

LC50 Oncorhynchus mykiss: 160 mg/L/96h.  
LC50 Oncorhynchus mykiss: 200 mg/L/72h.

**SECTION 13. Disposal considerations**

**13.1** Must be disposed of or incinerated in accordance with local regulations.

Uncontaminated packaging can be re-used.

**13.2** Packs that cannot be cleaned should be disposed of in the same manner as the contents.

**SECTION 14 Transport Information**

**14.1 Shipping Name:** Industrial Water Treatment, Liquid.

**14.2 Hazard Class:** Not D.O.T. Regulated

**14.3 UN/NA#:** N/A

**14.4 Packing Group:** N/A

**14.5 See transport IMDG code:** Not applicable.

**14.6 Air freight ICAO/IATA-DGR:** Not applicable.

**SECTION 15. Regulatory Information**

**15.1 Special labelling of particular preparations:** none

**15.2 Restrictions of use:** none

**15.3 Statutory order on hazardous incidents:** none

**15.4 Chemical description:** Acidic solution

**15.5 Fire Hazard:** No

**15.6 Reactive Hazard:** No

**15.7 Release of Pressure:** No

**15.8 Chronic Health Hazard:** No

**SECTION 16. OTHER INFORMATION**

<p>NFPA/HMIS</p> <p><b>16.1 Health</b></p> <p><b>16.2 Fire</b></p> <p><b>16.3 Reactivity</b></p> <p><b>16.4 Special</b></p> <p><b>16.5 Protective Equipment</b></p>	<p>1</p> <p>0</p> <p>0</p> <p>NONE</p> <p>B</p>	<p>CODE TRANSLATION</p> <p>Slight Hazard</p> <p>Minimal Hazard</p> <p>Minimal Hazard</p> <p>No special Hazard</p> <p>Goggles, Gloves</p>
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**16.6 refer to section 8 of MSDS for additional protective equipment recommendations.**

Hazardous Materials Information System (HMIS) Rating

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Physical Hazard</b>	<b>0</b>
<b>Protective Equipment</b>	<b>C</b>