

# Twin Pro Industrial Material Safety Data Sheet

## 1.) IDENTIFICATION:

<b>Product Name:</b>	Crate Wash
<b>Other Means of Identification:</b>	None
<b>Product Use and restrictions on use:</b>	Enzyme Crate Cleaner
<b>Initial Supplier Identifier:</b>	Twin Industrial Holdings Ltd. O/A Twin Pro Industrial 3203 Giffen Road North Lethbridge, AB T1H 0E8 403-329-4878
<b>Prepared by</b>	Twin Pro Industrial
<b>Emergency Phone</b>	CANUTEC at 1-613-996-6666

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## 2.) HAZARDS IDENTIFICATION

While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**GHS-Classification**  
Not Classified

**Signal Word**  
No signal word

**Hazard Statements**  
No known significant effects or critical hazards

**Pictograms**  
None

**Precautionary Statements**  
P101 – If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P103 – Read label before use.

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## 3.) COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>Unique Identifiers</u>
This product contains no hazardous ingredients at reportable concentrations			

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## 4.) FIRST AID MEASURES

**Inhalation:** If symptoms are experienced, remove victim to fresh air. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. Seek immediate medical attention.

**Skin Contact:** Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists.

**Eye Contact:** Flush immediately with water for at least 30 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. Seek immediate medical attention.

**Ingestion:** Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink. If symptoms develop, seek medical advice.

**Additional Information** Based on the individual reactions of the patient, the physician's judgment should be used to control symptoms and clinical condition.

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### **5.) FIRE – FIGHTING MEASURES**

**Suitable Extinguishing Media:** Non-flammable, use extinguishing media for surrounding fire.

**Unsuitable Extinguishing media:** Not Available

**Specific Hazards Arising From The Chemical** Not Available

**Special Protective Equipment And precautions for Fire-Fighters** Fire Fighters should wear full protective clothing, including self-contained breathing equipment suitable for surrounding fire.

**Further Information:** Not Available

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### **6.) ACCIDENTAL RELEASE MEASURES**

**Personal Precautions/ Protective Equipment/ Emergency Procedures:** Wear appropriate protective equipment

**Environmental precautions:** Prevent from entering sewers, waterways or low areas.

**Methods and Material For Containment and Cleaning Up** Scoop up excess product and wash site with water. If spill is large, stop at source. Dike area to prevent spreading and pump spillage to salvage tank.

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### **7.) HANDLING AND STORAGE**

**Precautions for Safe Handling:** Do not ingest. Avoid contact with eyes. Wash thoroughly after handling

**Conditions for Safe Storage:** Keep out of reach of children. Keep containers closed. Store in a cool, dry, well ventilated area.

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### **8.) EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Exposure Limit(s)</b>	<b>Regulation</b>	<b>Type of Listing</b>	<b>Value</b>
<b>Component</b>			
Crate Wash	Not Available	Not Available	Not Available

#### **Engineering Control(s)**

**Ventilation Requirements:** Mechanical ventilation (dilution or local exhaust), press or personnel enclosure and control of process conditions must be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems.

**Other:** Emergency shower and eyewash should be available and tested in accordance with regulations and be in close proximity.

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**Protective Equipment:**

**Eye/Face:** Chemical Goggles or a face shield may be worn if a splashing hazard exists.

**Hand Protection:** No specific requirements, but it is a good practice to prevent skin contact.

**Skin and Body Protection:** No specific requirements, but it is a good practice to prevent skin contact. Wash contaminated clothing and dry thoroughly before reuse.

**Respiratory Protection:** Respiratory protection is not normally required

**Thermal Hazards:** Not Available

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**9.) PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

<b>Physical State</b>	Liquid
<b>Color</b>	Red
<b>Odor</b>	Pungent
<b>Odor Threshold</b>	Not Available

**Property**

<b>pH</b>	10.5
<b>Melting Point/Freezing Point</b>	Not Available
<b>Flash Point</b>	Not Applicable
<b>Evaporation Rate</b>	Not Available
<b>Flammability</b>	Non-Flammable
<b>Upper Flammable Limit</b>	Not Applicable
<b>Lower Flammable Limit</b>	Not Applicable
<b>Vapor Pressure (mm Hg, 20°C)</b>	Not Available
<b>Vapor Density (Air=1)</b>	Not Available
<b>Relative Density</b>	Not Available
<b>Solubility (ies)</b>	Complete
<b>Partition Coefficient: n-octanol/water</b>	Not Available
<b>Auto-ignition Temperature</b>	Not Available
<b>Decomposition Temperature</b>	Not Available
<b>Viscosity</b>	Not Available

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**10.) STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not Available
<b>Stability</b>	Stable under normal conditions
<b>Possibility of Hazardous Reactions</b>	Not Available
<b>Conditions to Avoid</b>	Not Available
<b>Incompatible Materials</b>	Not Available
<b>Hazardous Decomposition Products</b>	Not Available

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**11.) TOXICOLOGICAL PROPERTIES**

**Acute Toxicity**

<b>Component</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>LC50</b>
Crate Wash	Not Available	Not Available	Not Available

**Chronic Toxicity – Carcinogenicity**

<b>Component</b>	<b>IARC</b>
Crate Wash	Not Available

<b>Skin Corrosion/Irritation</b>	Irritant
<b>Ingestion</b>	Irritant
<b>Inhalation</b>	Irritant
<b>Serious eye Damage/Irritation</b>	Irritant
<b>Germ cell Mutagenicity</b>	Not Available
<b>Reproductive Toxicity</b>	Not Available
<b>STOT – Single Exposure</b>	Not Available
<b>STOT – Repeated Exposure</b>	Not Available
<b>Aspiration Hazard</b>	Not Available
<b>Synergistic Materials</b>	Not Available

## **12.) ECOLOGICAL INFORMATION**

<b>Exotoxicity Component</b>	<b>Toxicity to Algae</b>	<b>Toxicity to Fish</b>	<b>Toxicity to Daphnia and Other Aquatic Invertebrates</b>
Crate Wash	Not Available	Not Available	Not Available
<b>Biodegradability</b>	Not Available		
<b>Bioaccumulation</b>	Not Available		
<b>Mobility</b>	Not Available		
<b>Other information:</b>	Not Available		

## **13.) DISPOSAL CONSIDERATIONS**

<b>Waste From Residues/ Unused Product:</b>	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.
<b>Contaminated Packaging:</b>	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act

## **14.) TRANSPORT INFORMATION**

<b>UN:</b>	Not Regulated
<b>UN Proper Shipping Name</b>	Not Regulated
<b>Transport Hazard Class(es)</b>	Not Regulated
<b>Packing Group</b>	Not Regulated
<b>Environmental Hazards</b>	Not Available
<b>Special Precautions</b>	Not Available
<b>Transport in Bulk</b>	Not Available
<b><u>TDG</u></b>	
<b>Other:</b>	Secure containers (full and/or empty) with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position.

## **15.) REGULATORY INFORMATION**

Note: The product listed on this SDS has been classified in accordance with the hazard criteria of the controlled products Regulations. This SDS contains all the information required by those regulations.

## **16.) PREPARATION AND OTHER INFORMATION**

Preparation Date: Feb 2, 2017  
Revised Date: Feb 2, 2017

**USE THIS NUMBER IN CASE OF DANGEROUS GOODS EMERGENCY:  
CANUTEC (613) 996-6666**

**Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.**

**Attention: Receiver of the chemical goods / SDS coordinator**

Twin Industrial Holdings Ltd. and its associated companies require, as a condition of sale, that you forward the attached Safety Data Sheets(s) to all affected employees, customers and end –users.

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