

# Renuzyme WR

## Wide Range Enzyme Detergent

### SECTION 1: Identification of the substance/mixture and company

#### 1.1 Product identifier

Product Code: 0819  
Name: Renuzyme WR

#### 1.2 Product uses

For use in sinks, ultrasonic baths, cart washers, instrument washers and washer-disinfectors

#### 1.3 Supplier

##### Manufacturer

Intercon Chemical Company  
1100 Central Industrial Drive  
Saint Louis, MO 63110  
USA

##### Distributor

Getinge USA Sales, LLC  
1 Geoffrey Way  
Wayne, NJ 07470  
USA

#### 1.4 Emergency telephone number

Information: 1-800-475-9040  
Chemtrec: 1-800-423-9400

## SECTION 2: Hazards identification (undiluted product)

### 2.1 Classification of the substance or mixture

Health hazards:	Not classified
Physical hazards:	Not classified
Environmental hazards:	Not classified

### 2.2 Label elements

None identified

### 2.3 Other hazards

None identified

## SECTION 3: Composition/information on ingredients

Material	CAS Number	Level	Hazards (See section 16)
			Does not contain hazardous materials at reportable quantities

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

Eye contact:	Rinse with water. Get medical help if irritation occurs
Skin contact:	Wash with plenty of water and soap. Get medical help if irritation occurs
Inhalation:	Remove person to fresh air and keep comfortable for breathing.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Get medical help if irritation occurs
First aider PPE:	As required to prevent contact. See section 8.2.

### 4.2 Most important symptoms and effects, both acute and delayed

Eye hazard:	May cause irritation
Skin hazard:	May cause irritation
Respiratory hazard:	May cause irritation
Other hazards:	----

### 4.3 Indication of any immediate medical attention and special treatment needed

No special treatment or attention required additional to section 4.2.

## **SECTION 5: Fire fighting measures**

Flammability hazard: Water based product. Not combustible.

### **5.1 Extinguishing media**

No special requirements. As appropriate for the fire.

### **5.2 Special hazards arising from the substance or mixture**

No specific hazards arising from the mixture.

### **5.3 Advice for firefighters**

No special measures arising from the mixture.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Take precautions to avoid contact. Use personal protective equipment as detailed in section 8. Spillage may make floors slippery. Keep the area clear. Observe regulations.

### **6.2 Environmental precautions**

Prevent spills from entering water courses.

### **6.3 Methods and material for containment and cleaning up**

Small quantities mop up. Neutralize with dilute acid or sodium bicarbonate.

Large quantities contain and absorb or pump into suitable containers for disposal.

### **6.4 Reference to other sections**

Observe the advice given in sections 8 and 13.

## **SECTION 7: Handling and storage**

Shelf life: 23 months in original sealed containers.

### **7.1 Precautions for safe handling**

Do not mix with other products. Observe good industrial hygiene.

### **7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool, dry place protected from strong oxidizers. Store upright in original containers. Recommended storage temperature 5–25 °C.

### **7.3 Product uses**

For use in sinks, ultrasonic baths, cart washers, instrument washers and washer-disinfectors

## SECTION 8: Exposure control and personal protection

### 8.1 Control parameters

Workplace exposure limits:

### 8.2 Exposure controls

These measures are suggested on the basis of general use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work.

Eye protection:	Not normally required
Hand Protection:	Not normally required
Body protection:	Not normally required
Respiratory protection:	Not normally required
Other protection:	-
Personal protective equipment:	Exact PPE requirements should be determined from a specific risk assessment of the process being carried out
Environmental protection:	Prevent mixture from entering water courses

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Purple liquid
Odor:	Sassafras
Odor threshold:	NE
pH:	6-8.5
Melting point	NE
Initial boiling point:	100 °C
Flash point:	>200° F
Evaporation rate:	>1
Flammability:	N/A
Explosive limits:	N/A
Vapor pressure:	17mm Hg
Vapor density:	0.62 g/mL
Relative density at 20° C	1.01 (typical)
Solubility:	100% water soluble
Partition coefficient:	NE
Auto-ignition temperature	NE
Decomposition temperature	NE
Viscosity:	Water thin

### 9.2 Other information

No other information available

## SECTION 10: Stability and reactivity

## 10.1 Reactivity

Incompatible with strong oxidizers.

## 10.2 Chemical stability

Stable under recommended storage conditions.

## 10.3 Possibility of hazardous reactions

No hazardous reactions are expected to occur.

## 10.4 Conditions to avoid

Extreme temperatures.

## 10.5 Incompatible materials

Incompatible with strong oxidizers.

## 10.6 Hazardous decomposition products

No known.

# SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT single exposure:	Based on available data, the classification criteria are not met.
STOT repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration toxicity:	Based on available data, the classification criteria are not met.

## 11.2 Routes of exposure/symptoms

Eye contact:	May cause eye irritation
Skin contact:	May cause skin irritation
Inhalation:	May cause irritation
Ingestion:	May cause irritation

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

Not classified as dangerous for the environment. All organic ingredients are biodegradable when well diluted.

### **12.2 Persistence and degradability**

Ingredients are biodegradable

### **12.3 Bio-accumulative potential**

Not expected to bio-accumulate.

### **12.4 Mobility in soil**

This product has high water solubility.

### **12.5 Results of PBT and vPvB assessment**

Not regulated through PBT and vPvB assessment.

### **12.6 Other adverse effects**

No other adverse effects are anticipated.

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

Product is not considered a hazardous waste. Dispose of in accordance with applicable local, regional, national, and international regulations. Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.

## **SECTION 14: Transport information**

### **14.1 DoT Information**

Not regulated

### **14.2 IATA Information**

Not regulated

### **14.3 IMDG Information**

Not regulated

## **SECTION 15: Regulatory information**

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

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.

CERCLA: Does not contain chemicals in reportable quantities. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

### **15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out.

## **SECTION 16: Other information**

Hazard statements relating to ingredients (see section 3).

Date of issue:  
October 21, 2021

This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information in this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. It is for users to satisfy themselves of the suitability of this product for their own applications.

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