

Date : 5/26/2016

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**KURIVERTER K-310**

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**1 IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER**

Product Name: KURIVERTER K-310  
Product Use: Reducer of Hydrogen peroxide  
  
Manufacturer: Kurita America, Inc.  
16850 Diana Lane, Suite B 104, Houston, Texas 77058  
Contact: Chemical Group  
Phone: 281-998-3900  
FAX: 281-998-3903  
Emergency Telephone: CHEMTREC (Health/ Transport/ Regulatory)  
1-800-424-9300  
1-800-424-8802

**2 HAZARDS IDENTIFICATION**

Classification: Not classified

**Physical Hazard**

Explosives:	Not applicable
Flammable gases:	Not applicable
Flammable aerosols:	Not applicable
Oxidizing gases:	Not applicable
Gases under pressure:	Not applicable
Flammable liquids:	Not classified
Flammable solids:	Not applicable
Self-reactive substances:	Not classified
Pyrophoric liquids:	Not classified
Pyrophoric solids:	Not applicable
Self-heating substances:	Not classified
Substances which in contact with water emit flammable gasses:	Not classified
Oxidizing liquids:	Not classified
Oxidizing solids:	Not applicable
Organic peroxides:	Not applicable
Corrosive to metals:	Not classified

**Health Hazard**

Acute toxicity	
Oral:	Not classified
Dermal:	Classification not possible
Gases:	Classification not possible
Vapors:	Classification not possible

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Dust & mists:	Classification not possible
Skin corrosion/irritation:	Classification not possible
Serious eye damage/eye irritation:	Classification not possible
Respiratory sensitization:	Classification not possible
Skin sensitization:	Classification not possible
Germ cell mutagenicity:	Classification not possible
Carcinogenicity:	Classification not possible
Reproductive toxicology:	Classification not possible
Target organ systemic toxicity	
- Single exposure:	Classification not possible
Target organ systemic toxicity	
- Repeated exposure:	Classification not possible
Aspiration toxicity:	Classification not possible
Environmental Hazard	
Acute aquatic toxicity:	Not classified
Chronic aquatic toxicity:	Classification not possible
Labeling:	There are no label element allocated to all hazard categories.
Symbol:	-
Signal word:	There are no Signal words and no hazard statement allocated to all hazard categories.
Hazard statements:	-
Precautionary statements:	-

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

Substance or mixture :	Substance	
Chemical Name	CAS No.	Weight %
Natural Enzyme	-	-

**4 FIRST-AID MEASURES**

Inhalation :	The possibilities to cause acute toxicity are very few as the product is liquid.
Skin contact:	May cause irritation. Wash the contaminated area with plenty of water. Take off immediately all contaminated clothing and wash it with plenty

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of water. If burns or irritation persist, Get medical attention.

Eye contact:

May cause irritation. Wash eyes immediately with large amount of water, occasionally lifting upper and lower eyelids for more than 15min. Get medical attention immediately.

Ingestion:

Rinse mouth. Get medical attention immediately. Do not induce vomiting without medical advice.

**5 FIRE-FIGHTING MEASURES**

Fire-fighting procedures:

Product itself is not flammable. Keep from the source of fire or cool containers with water in case of difficult transportation.

Extinguishing media:

Use water spray, powder or Carbon dioxide.

**6 ACCIDENTAL RELEASE MEASURES**

Measures for leakage:

Wear protective clothing. Stop leak. For small liquid spills, flush area with flooding amount of water. For large spills, stop the flow with dike, etc. without making liquid flow into sewer. Thoroughly rinse affected ground with plenty of water.

**7 HANDLING AND STORAGE**

Operation:

Operate with filter respirator, safety goggles, working long-sleeve cloths and rubber gloves to avoid inhalation, eye and skin contact.

Storage:

Store product in tightly closed containers in the cool, dry and well-ventilated indoor area.

Dealing:

Do not use empty containers for drinking water supply, etc.

**8 EXPOSURE CONTROL / PERSONAL PROTECTION**

Exposure limits:

Not applicable

ACGIH (TLV-TWA8)	
-	
JSOH(Japan)	
-	

Engineering controls:

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## Personal protective equipment

Respiratory protection:	Filter respirator.
Skin protection:	Wear working cloths with long sleeve and synthetic rubber gloves.
Eye protection:	Wear chemical safety goggles.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Brownish
Physical state:	Liquid
Specific gravity:	1.08 - 1.18 (25 dC)
Solubility:	Miscible at any ratio
Viscosity:	< 20 mPa · s(30 dC)
Flash Point:	None
pH:	6.5 - 8.5 (25 dC)

**10 STABILITY AND REACTIVITY**

Stability:	Stable on normal usage and handling.
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**11 TOXICOLOGICAL INFORMATION**

## Acute toxicity

LD (50) oral/rat:	-
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**12 ECOLOGICAL INFORMATION**

## Aquatic toxicity

LC (50) Killifish 24hr:	> 10,000 mg/l
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**13 DISPOSAL CONSIDERATIONS**

Never draw chemical directly to waste water line. Request treatment to licensed waste-treatment company. Empty used containers completely, Consult with local Waste Treatment Specialist before disposal.

**14 TRANSPORT INFORMATION**

Chemical Name	UN number and class
Not classified	Not classified

Prevent destruction by keeping away from water and careless dealing.

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**15 REGULATORY INFORMATION**

All components of this product are included on the TSCA inventory.

**16 OTHER INFORMATION**

The information contained herein is, to the best of our knowledge and belief, accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in this use of the material.