

Date : 06/01/2015

KURIDYNE I-302

1 IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product Name: KURIDYNE I-302
Product Use: Cleaning chemical for slime on industrial use

Manufacturer: Kurita America, Inc.
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Contact: Chemical Group
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2 HAZARDS IDENTIFICATION

Classification:

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 applicable
Flammable solids:	Not applicable
Self-reactive substances:	Not applicable
Pyrophoric liquids:	Not classified
Pyrophoric solids:	Not applicable
Self-heating substances:	Not classified
Substances which in contact with water emit flammable gasses:	Not applicable
Oxidizing liquids:	Category 2
Oxidizing solids:	Not applicable
Organic peroxides:	Not applicable
Corrosive to metals:	Not classified

Health Hazard

Acute toxicity	
Oral:	Category 4
Inhalation:	Category 4
Dermal:	Not applicable
Gases:	Not applicable

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Vapors:	Not applicable
Dust & mists:	Not applicable
Skin corrosion/irritation:	Category 1
Serious eye damage/eye irritation:	Category 1
Respiratory sensitization:	Classification not possible
Skin sensitization:	Not classified
Germ cell mutagenicity:	Classification not possible
Carcinogenicity:	Classification not possible
Reproductive toxicology:	Category 2
Target organ systemic toxicity - Single exposure:	Category 1
Target organ systemic toxicity - Repeated exposure:	Category 1
Aspiration toxicity:	Classification not possible
Environmental Hazard	
Acute aquatic toxicity:	Not classified
Chronic aquatic toxicity:	Not classified

Signal word: Danger

Hazard statements:

- May intensify fire : Oxidizer
- Harmful if swallowed
- Harmful if inhaled
- Causes severe skin burns and eye damage
- Causes serious eye damage
- Suspected of damaging fertility or the unborn child.
- Cause damage to organs
- Cause damage to organs through prolonged or repeated exposure.



Precautionary statements

Prevention:	Keep away from heat. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye & face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust / fume / mist / vapors / spray. Do not eat, drink or smoke when using this product.
Response:	In case fire : Use water. IF SWALLOWED : Rinse mouth. Do not induce vomiting.

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IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN : Remove/Take off immediately all contaminated clothing.

Rinse SKIN with water.

Take off contaminated clothing and wash before use.

IF IN EYES : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If exposed or if you feel unwell : Get medical advice / attention.

Storage: Store locked up.
Store away

Disposal: Dispose of contents / container to follow the regional regulation.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Hydrogen Peroxide	7722-84-1	< 40
Phosphoric acid	Not disclosed	Not disclosed
Polyacrylate	Not disclosed	Not disclosed

4 FIRST-AID MEASURES

Inhalation : May cause severe inhalation of the respiratory tract. Remove victim from exposed area immediately to fresh air. Keep warm and at rest. Take care medical treatment.

Skin contact: May cause burns. Wash the affected area with plenty of water. Take off immediately contaminated clothing and wash with plenty of water. If burns or irritation persists, get medical attention.

Eye contact: May cause severe corneal or conjunctival ulceration, possibly resulting in blindness. Wash eyes immediately large amount of water for more than 15min. Get medical attention immediately.

Ingestion: May cause severe irritation and injury to the mouth and throat, distention of the esophagus and stomach, and internal bleeding. Do not induce vomiting. Get immediate medical attention.

5 FIRE-FIGHTING MEASURES

Fire-fighting procedures: Keep away from the source of fire or cool containers with water in case of difficult transportation.

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Extinguishing media: Use the water.

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. Never return to container. Thoroughly rinse affected ground with plenty of water.

7 HANDLING AND STORAGE

Precautions for safe handling: Operate with filter respirator, chemical safety goggles, long-sleeved working cloths and rubber gloves to avoid inhalation, eye and skin contact. Do not use empty containers for drinking water supply, etc.

Conditions for safe storage: Store product in tightly closed containers in the cool, dry and well ventilated indoor area. Store separating from acids, bases, oxidizers, reducers and flammables.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure limits:

Hydrogen peroxide

ACGIH (TLV-TWA)	
1 ppm	
JSOH(Japan)	
-	

Engineering controls: Keep the workplace well ventilated

Personal protective equipment

Respiratory protection: Filter respirator.

Skin protection: PVC or synthetic rubber made gloves.
Long-sleeved cloths.

Eye protection: Chemical safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless

Physical state: Liquid

Specific gravity: 1.09 - 1.13 (20 dC)

Solubility: Miscible at any ratio

Odor: None

Freezing point: < -5 dC

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Flash Point: None
pH: 3.0 - 5.0 (20dC)

10 STABILITY AND REACTIVITY

Stability: Stable on normal usage and handling.
Possibility of hazardous reactions:
Hazardous decomposition products:

11 TOXICOLOGICAL INFORMATION

Acute toxicity

LD (50) oral/rat: 746 mg/kg
LD (50) inhalation/rat: GHS Category 4
LD (50) dermal/rat: > 4,060mg/kg

Skin corrosion irritation: Strong irritation when product contact skin.
Eye corrosion irritation: May cause severe corneal or conjunctival ulceration, possibly resulting in blindness.

12 ECOLOGICAL INFORMATION

Aquatic toxicity

LC (50) killifish 24hrs: 280 mg/l

13 DISPOSAL CONSIDERATIONS

Product: Never draw chemical directly to waste water line. Request treatment to licensed waste treatment company.

Package: Empty used containers completely, dispose containers.

14 TRANSPORT INFORMATION

Proper shipping name : Hydrogen Peroxide, aqueous solutions

UN Class : 5.1 UN No. : 2014 Packing Group : II

Prevent destruction by keeping away from water and careless dealing.

15 REGULATORY INFORMATION

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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.