

SAFETY DATA SHEET

TK60 Disinfectant

prepared to GHS standards

1. PRODUCT AND COMPANY INFORMATION

Trade name of product : TK60 Disinfectant
Product use : One-step healthcare-grade disinfectant
Product dilution information : Not applicable

Manufacturer information

Name : **R-Water LLC**
 Address : 2061 Clovis Barker Road 4B, San Marcos, TX, 78666
 Business phone : (512) 808-4100
 Email : info@r-water.com
 Website : www.r-water.com

Date of issue : 25 Dec 2014
EPA Establishment Number : 91423-TX-1

FOR EMERGENCY HEALTH INFORMATION CALL AAPCC 1-800-222-1222

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product is regulated by the United States Environmental Protection Agency and is subject to certain labeling requirements under the federal pesticide law. This product is a clear colorless liquid with a slight chlorine odor.

Health hazards: Under normal conditions of intended use this product does not pose a health risk and has been classified by independent testing to be practically non-irritating to the eyes and skin. Prolonged skin contact may cause irritation. Avoid breathing product spray or mist.

Flammability hazards: This product is non-flammable.

Reactivity hazards: Do not mix with products containing ammonia or strong acids as this may release small amounts of chlorine gas.

Environmental hazards: Release of this product is not anticipated to have adverse effects on the environment.

Potential acute health effects

Eyes : May cause slight eye irritation.
 Skin : Prolonged exposure may cause irritation.
 Inhalation : No known significant effects or critical hazards. Avoid breathing spray or mist.
 Ingestion : May cause gastrointestinal irritation.

See toxicological information (Section 11)

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Name</u>	<u>Synonyms</u>	<u>CAS number</u>	<u>% by weight</u>
Hypochlorous acid	Hypochlorite	7790-92-3	0.01 - 0.03
Water	None	7732-18-5	> 99.9

4. FIRST AID MEASURES

Eye contact : If product enters the eyes, flush eyes with clean water. If irritation occurs, hold eyes open and flush with running water for at least 15 minutes. If irritation persists, call a poison control center or physician for medical advice.
Skin contact : Rinse exposed skin with clean water. If irritation persists, call a poison control center or physician for medical advice.
Inhalation : No special measures. If irritation occurs remove exposed person(s) to fresh air. If irritation persists, call a poison control center or physician for medical advice.
Ingestion : Drink plenty of water. If symptoms occur seek medical advice.

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5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use an extinguishing agent suitable for surrounding fire.
- Specific Hazards** : This product is not flammable and does not generate hazardous decomposition products.
- Special precautions for firefighters** : Employ full protective equipment and self-contained breathing apparatus as required.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Use personal protective equipment as required.
- Environmental precautions** : Avoid excessive discharge into soil and waterways.

7. HANDLING AND STORAGE

- Handling** : Avoid eye contact. Avoid prolonged skin contact. Do not ingest. Avoid breathing vapors, spray, or mist. Use only with adequate ventilation.
- Storage** : Keep out of reach of children. Store in closed container out of direct sunlight. Product should be stored at room temperature. Do not store above 100° F. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering measures** : Good general ventilation should be sufficient to minimize worker exposure.

Personal protection

- Eyes** : No protective equipment is required under normal use. Protective eye-wear is recommended.
- Hands** : No protective equipment is required under normal use. Impervious, chemical-resistant gloves (latex, nitrile) are recommended.
- Skin** : No protective equipment is required under normal use. Avoid prolonged skin contact.
- Respiratory** : No special protection is required. Use with adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Liquid
- Color** : Clear
- Odor** : Mild chlorine
- pH** : 5.5
- Melting/freezing point** : 32° F (0° C)
- Boiling point** : 212° F (100° C)
- Flash point** : Not applicable
- Relative density** : 1.0 (water = 1)
- Solubility in water** : Completely soluble

10. STABILITY AND REACTIVITY

- Stability** : The product is stable under normal conditions of storage and use.
- Incompatible materials** : Strong acids. Ammonia and products which contain ammonia.
- Hazardous decomposition products** : Under normal conditions, hazardous decomposition products should not be produced.
- Hazardous polymerization** : Under normal conditions, hazardous polymerization should not occur.

11. TOXICOLOGICAL INFORMATION

No known significant effects or critical hazards.

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12. ECOLOGICAL INFORMATION

At the produced concentration, this product and its products of degradation are not considered harmful to the environment or aquatic life and will not persist for an environmentally relevant period of time.

13. DISPOSAL CONSIDERATIONS

This product can be flushed to sanitary sewer. Empty containers should be re-used or discarded in trash.

14. TRANSPORT INFORMATION

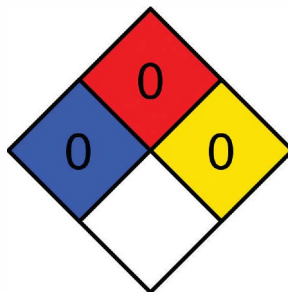
Product should be generated on-site and is not intended for transport.

15. REGULATORY INFORMATION

R-Water systems for on-site product generation are considered by the U.S. Environmental Protection Agency (USEPA) to be a pesticide device and are subject to the requirements specified in 40 CFR 152.500. R-Water LLC is a registered USEPA establishment. USEPA Est. No. 91423-TX-1.

16. OTHER INFORMATION

National Fire Protection Association (USA) Rating



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