

SAFETY DATA SHEET

Clear Water-61

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Revision: 05/11/2023
Supersedes Revision: 07/17/2017

1. Product and Company Identification

Product Code: 00109
Product Name: Clear Water-61
Company Name: SCG-Solutions, LLC
1358 South 9th Street
De Pere, WI 54115
Phone Number: (920)217-1214

Emergency Contact: Chemtrec Reference: CCN727645 (800)424-9300
Information: Sales & Information (920)217-1214

2. Hazards Identification

Oxidizing Liquids, Category 1
Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 1A
Serious Eye Damage/Eye Irritation, Category 1
Aquatic Toxicity (Acute), Category 3
Aquatic Toxicity (Chronic), Category 3



GHS Signal Word: Danger

GHS Hazard Phrases: H271 - May cause fire or explosion; strong oxidizer.
H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H318 - Causes serious eye damage.
H402 - Harmful to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

GHS Precaution Phrases: P220 - Keep away from combustible materials.
P221 - Take any precaution to avoid mixing with combustibles/...
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P280 - Wear protective gloves & eye protection.

GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.
P306+360 - IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P310 - Immediately call a POISON CENTER or doctor/physician.
P321 - Specific treatment see appropriate section on the label or SDS.
P330 - Rinse mouth.
P363 - Wash contaminated clothing before reuse.
P371+380+375 - In case of major fire and large quantities: evacuate area and fight fire remotely due to the risk of explosion.

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GHS Storage and Disposal Phrases:

P501 - Dispose of contents/container to trash after rinsing container.
P410+412 - Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

Hazard Rating System:

HEALTH	2
FLAMMABILITY	0
PHYSICAL	0
PPE	B

HMIS:

Potential Health Effects (Acute and Chronic):

Hazards not otherwise classified (HNOC) or not covered by GHS. None.

Inhalation:

No information reported.

Skin Contact:

May cause mild skin irritation. Symptoms may include redness and burning of skin.

Eye Contact:

May cause eye irritation.

Ingestion:

May cause irritation of the digestive tract.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration*
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	15.0 - 19.9 %
13968-08-6	Ike-Joe (acidified water)	40.0 - 50.0 %

*The exact percentages (concentration) of composition have been withheld as a trade secret.

4. First Aid Measures

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

5. Fire Fighting Measures

Flash Pt: NP Method Used: Estimate

Explosive Limits: LEL: UEL:

Autoignition Pt: NA

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information.

Flammable Properties and Hazards:

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6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).
Steps To Be Taken In Case Material Is Released Or Spilled:	Absorb on sand or vermiculite and place in closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling:	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. For precautions see section 2.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: > 0 - < 40 deg.C.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	PEL: 1 ppm	TLV: 1 ppm	
13968-08-6	Ike-Joe (acidified water)			

Respiratory Equipment (Specify Type):	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Eye Protection:	Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Protective Gloves:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm. Material: Nitrile rubber. Minimum layer thickness: 0.11 mm Break through time: 480 min. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.
Other Protective Clothing:	
Engineering Controls (Ventilation etc.):	
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Environmental Exposure	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: clear, water white liquid.
bland.

pH: < 2.0

Freezing Point: < 0.00 C

Boiling Point: > 100.00 C

Flash Pt: NP Method Used: Estimate

Evaporation Rate: < 1 (H₂O=1)

Flammability (solid, gas): Strong oxidizer. Contact with combustible materials may cause a fire.

Explosive Limits: LEL: UEL:

Vapor Pressure (vs. Air or mm Hg): NA

Vapor Density (vs. Air = 1): NA

Specific Gravity (Water = 1): 1.13 - 1.14 at 20.0 C

Density: 1.13 - 1.14

Solubility in Water: Complete

Percent Volatile: > 95.0 % by weight.

Autoignition Pt: NA

Decomposition Temperature: NA

Viscosity: Water thin

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Strong acids. combustible materials, Reducing agents.

Incompatibility - Materials To Avoid: Zinc, Powdered metals, Iron. Copper, nickel, Brass, Iron and iron salts.

Hazardous Decomposition or Byproducts: Other decomposition products: No data available. In the event of fire: see section 5.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Germ cell mutagenicity. No data available.
Reproductive toxicity. Specific target organ toxicity - single exposure: Specific target organ toxicity - repeated exposure: Aspiration hazard:

Irritation or Corrosion: Skin corrosion/irritation. No data available.
Serious eye damage/eye irritation:

Sensitization: No data available.

Carcinogenicity/Other Information: IARC: 3 -Group 3: Not classifiable as to its carcinogenicity to humans. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	n.a.	3	A3	n.a.
13968-08-6	Ike-Joe (acidified water)	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

Waste Disposal Method: Product.
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Hydrogen peroxide, aqueous solutions [with not less than 8 percent but less than 20 percent hydrogen peroxide (stabilized as necessary)]

DOT Hazard Class: 5.1 OXIDIZER

UN/NA Number: UN2984

Packing Group: III



15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	Yes 1000 LB	No	No
13968-08-6	Ike-Joe (acidified water)	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
13968-08-6	Ike-Joe (acidified water)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No

16. Other Information

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Additional Information About

This Product:

Company Policy or

Disclaimer:

THE INFORMATION CONTAINED HEREIN is based upon available information at the time of preparation and is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that the information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or any other user proximately caused by the material if misused or if reasonable safety procedures are not adhered to as stipulated in the data sheet and on the product label. Furthermore, vendor assumes no responsibility for injury or damage caused by abnormal use of this material even if reasonable safety measures are followed.