

Safety Data Sheet



Acecide-C **Use-Solution**

Section 1

Product Description

Product Name: Acecide-C Use Solution
Synonyms: Disinfectant/Sterilant
Company: Best Sanitizers, Inc.
PO Box 1360 Penn Valley, CA 95946
Chemical Information Emergency: Chemtrec 1.800.424.9300

Section 2

Hazard Information

Warning

Hazard Statements

Can cause eye irritation.
Can cause skin irritation.

Appearance—Aqueous solution

Physical State—Liquid

Odor—Vinegar odor

Precautionary Statements—Prevention

Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep away from heat/open flames/hot surfaces—No smoking.
Do not use with devices containing silver, copper or brass.

Precautionary Statements—Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists call a doctor/physician.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin (hair) with water/shower. Wash contaminated clothing and shoes before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

Precautionary Statements—Storage

Store in a well-ventilated place. Keep cool.

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Precautionary Statements—Disposal

See Section 13

Hazards not otherwise classified (HNOC)

Not Applicable

Other Information

No information available

Section 3

Composition/Information on Ingredients

Chemical Name	CAS No.	Weight%
Water	7732-18-5	< 95
Acetic Acid	64-19-7	< 2
Peracetic Acid	79-21-0	< 0.5
Potassium Nitrate	7757-79-1	< 0.5
Tetrasodium etidronate	3794-83-0	< 0.5
Trisodium phosphate	7601-54-9	< 0.5

* The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4

First Aid Measures

First Aid Measures

Eye Contact

Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye(s). Seek medical advice/attention.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing and shoes before reuse.

Inhalation

Remove to fresh air. Administer oxygen if breathing is difficult. Call a physician immediately.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms

See Section 11 for symptom information.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

Section 5

Fire-Fighting Measures

Suitable Extinguishing Media

Dry Chemical. Water spray (fog), Foam.

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Unsuitable Extinguishing Media

No Information available.

Specific hazards arising from the chemical

Solution does not burn. In the event of a fire, toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.

Explosion Data

None

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers with flooding quantities of water until well after fire is out. Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

Section 6

Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas.

For emergency responders Isolate area. Keep unnecessary personnel away.

Environment Precautions

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional ecological information

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (See Section 13).

Methods for cleaning up Collect spillage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Following product recovery, flush area with water.

Section 7

Handling and Storage

Precautions for Safe Handling

Advice on Safe Handling Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Use only in well-ventilated areas. Avoid breathing vapors or mists. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Do not manually open container.

Conditions for safe storage, including any incompatibilities

Storage Conditions For use in Olympus OER equipment. Any non-intended or non-authorized use of this product may result in severe personal injury or damage to equipment. Do not manually open container. Do not open machine while in use. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Use only in well-ventilated areas. Avoid breathing vapors or mists. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Incompatible materials Keep Containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Keep away from direct sunlight and incompatible materials. Store between 0°C to 25°C.

Section 8**Protection Information****Exposure Guidelines**

Chemical Name	Exposure Limits
Hydrogen Peroxide 7722-84-1	1 ppm 1.4 mg/m ³ (TWA)
Acetic Acid 64-19-7	10 ppm 25 mg/m ³ (TWA) 15 ppm 37 mg/m ³ (STEL)

Appropriate Engineering Controls

Engineering Controls Showers, eyewash stations, ventilation system.

Individual Protection Measures, such as personal protective equipment

Eye/Face protection	Splash proof chemical goggles and face shield.
Skin and body protection	Wear protective gloves. Normal work clothing (long sleeved shirt and long pants) is recommended. Apron recommended.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Considerations	Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing and shoes before reuse. Do not Eat, Drink or Smoke when using this product.

Section 9**Physical and Chemical Properties****Information on basic physical and chemical properties**

Formula:	See Section 3	Physical State:	Liquid
Odor:	Vinegar Smell	Appearance:	Aqueous solution
Odor Threshold:	No Information Available	Color:	Clear

<u>Property</u>	<u>Values</u>	<u>Remarks—Method</u>
pH	3.0-4.0	± 1 @ 21°C
Melting Point/Freezing Point	No information available	
Boiling Point/ Boiling Range	No information available	
Flash Point	Not applicable	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	

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Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Specific Gravity	1.0 g/cc
Water solubility	Soluble in water
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Section 10

Stability and Reactivity Data

Chemical Stability	Stable under normal ambient storage conditions.
Possibility of Hazardous Reactions	Do not use with chlorine-based products.
Conditions to avoid	Avoid high temperatures. Do not mix with other chemicals. Open flames, elevated temperatures, any source of heat. Protect against physical damage.
Incompatible materials	Reducing agents and metals (iron, copper, silver, brass, etc.
Hazardous Decomposition Products	None known.

Section 11

Toxicity Data

Information on likely routes of exposure

Inhalation	Inhalation of vapors in high concentration may cause irritation to the mucous membranes.
Eye Contact	May cause irritation reddening.
Skin Contact	May cause irritation.
Ingestion	May cause irritation and tissue damage to the mucous membranes.

Chemical Name	Oral LD50
Peracetic Acid 79-21-0	210mg/kg (mouse)
Hydrogen Peroxide 7722-84-1	1518mg/kg (rat)
Acetic Acid 64-19-7	3310mg/kg (rat)
Potassium Nitrate 7757-79-1	3015mg/kg (rabbit)
Tetrasodium etidronate 3794-83-0	> 2000mg/kg (rat)
Trisodium Phosphate 7601-54-9	1700mg/kg (rat) 2380mg/kg (mouse) 2500mg/kg (rabbit)

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Information on toxicological

effects Symptoms

No Information Available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization

No Information Available

Germ cell mutagenicity

No Information Available

Carcinogenicity

No Information Available

Section 12

Ecological Data

Ecotoxicity

No Information Available.

Persistence and degradability

No Information Available.

Bioaccumulation

No Information Available.

Mobility

No information available

Section 13

Disposal Information

Waste treatment methods

Disposal of wastes

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations. Before disposal, check to see if the wastewater conforms to the local, federal, state and national standards (for pH, BOD, COD and other measures). Check with your local Publicly Owned Treatment Works (POTW) to determine if peracetic acid solutions like Acecide-C Use Solution can be disposed of in the sanitary sewer system. Some POTWs may prohibit the disposal of peracetic acid solutions in the sanitary sewer or may require dilution with copious amounts of water and/or neutralization prior to disposal. In most cases, Acecide-C Use-Solution can be disposed of direct to drain but there may be exceptions.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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Contaminated packaging

Dispose of in accordance with federal, state and local regulations. Rinse empty containers thoroughly before recycling or disposing to an authorized landfill.

Section 14

Ecological Data

UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Class and subsidiary risk	Not applicable
Packing Group	Not applicable
Special precautions for user	Not applicable
Hazchem Code	Not applicable

Section 15**Regulatory Information****International Inventories**

TSCA	Complies
DSL/NDSL	Complies

Legend:**TSCA—United States Toxic Substances Control Act Section 8(b) Inventory****DSL/NDSL— Canadian Domestic Substances List/ Non-Domestic Substances List****US Federal Regulations SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act)

This product does not contain any substance regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substance regulated as a hazardous substance under the Comprehensive Environment Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local regional or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

Section 16**Additional Information**

<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal protection
	1	0	0	X

Prepared by: Technical Department
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Version 3
Revision Note No information available

Acecide-C Use-Solution is the combined result of mixing Acecide-C Solution 1, with Acecide-C Solution 2 and water. Once the Acecide-C Solutions are mixed and diluted, the resulting Use-Solution should be handled in accordance with this Safety Data Sheet.

For further safety information please contact Best Sanitizers Inc. 888-225-3267

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet