

MATERIAL SAFETY DATA SHEET

(Prepared according to criteria of 29 CFR 1910.1200)

1. **Product Name:** Peracidin®

Trade Name: Peracidin®

2. **Manufacturer Information**

Alcavis HDC, LLC
8322 Helgerman Court
Gaithersburg, MD 20877

(800) 726-2308
(301) 330-7597
Fax (301) 330-6432

3. **Hazardous Components**

SARA 313 Toxic Chemicals, if present, are preceded by #

Chemical Name

CAS Number

%

PEL

Other
(mg/m³)

- Acetic Acid
- Hydrogen Peroxide
- # Peroxyacetic Acid

64-19-7

6.7

25

•

7722-84-1

27.0

1.4

1.4

79-21-0

4.5

None

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* (PEL for acetic acid = 25 mg/m³; ACGIH STEL = 37 mg/m³)

UNK = unknown

PEL = OSHA 8 hour average

STEL = 15 minute average

C = Ceiling limit; do not exceed

4. **Physical Characteristics**

Appearance - Colorless/sharp, pungent odor

Solubility In Water

- Complete

pH - 2.5 (1%)

Initial Boiling Point

- 200°F

Specific Gravity - 1.12

5. **Fire and Explosion Hazard: Fire Hazard - 0**

Special Fire Hazards - Product decomposes and will release oxygen, thereby adding to the hazard of a fire. Product should be kept cool and in a vented container to avoid any explosion hazards.

Fire Fighting Methods - Use a water spray.

6. **Reactivity Data:**

Reactivity Hazard - 1

Stability - Stable under normal conditions of handling.

Conditions To Avoid - Do not mix with anything but water. Keep away from any organic material (alcohols, acetone, etc.) and most metals as rapid decomposition may occur. Avoid hot storage.

7. **Spill Or Leak Procedures**

USE PROPER PROTECTIVE EQUIPMENT

Clean Up - Rinse small amounts to drain where possible. Dike or dam large spills; pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer; rinse area thoroughly.

Waste Disposal - Consult State and Local authorities for restrictions on disposal of chemical waste. Unused product as a waste is corrosive (D002) by RCRA criteria.

8. **Health Hazard Data**

Health Hazard - 3

DANGER

EFFECTS OF OVEREXPOSURE TO CONCENTRATE

Skin and Eyes - Causes severe eye damage and chemical burns.

If Swallowed - HARMFUL OR FATAL. Causes chemical burns of the mouth, throat and stomach.

If Inhaled - Vapors or mists cause irritation, including a burning taste, sneezing, coughing, and difficulty in breathing. People with asthma or other lung problems may be more affected.

9. **First Aid**

Eyes - Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding the eyelids apart to ensure rinsing of the entire eye.

Skin - Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

If Swallowed - Rinse mouth at once; then drink 1 or 2 glasses of water or milk. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.

If Inhaled - Immediately move to fresh air.

IMMEDIATELY CALL A POISON CONTROL CENTER OR A PHYSICIAN

10. **Protective Measures**

CONCENTRATE

Respiratory: - Avoid breathing mists or vapors of this product.

Skin: - Wear rubber gloves-protective cuff or gauntlet type preferred.

Eyes: - Use chemical splash goggles. For continued or severe exposure, wear a face shield over the goggles.

SOLUTIONS

Prepared accordingly to label instructions, use solutions are not considered hazardous according to criteria of 29 CFR 1910-1200.

11. **Additional Information / Precautions**

KEEP OUT OF REACH OF CHILDREN