

# MATERIAL SAFETY DATA SHEET

HDH Agri Products, LLC

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For Chemical Emergencies call **Infotrac** 1-800/535-5053

PRODUCT NAME: **HDH Peroxy**

Effective date: July 1, 2006

## 1. INGREDIENTS:

Hydrogen Peroxide  
Peroxyacetic Acid

CAS #7722-84-1

CAS# 79-21-0

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where Proprietary Ingredient shows, the identity may be made available as provided in this standard. Information herein applies to product as shipped.

## 2. PHYSICAL DATA:

BOILING POINT: NA, product decomposes.  
FREEZING POINT: -222°F  
SOL. IN WATER: Complete  
SP. GRAVITY: 1.09  
PH: 1.3  
APPEARANCE: Clear, colorless liquid  
ODOR: Pungent.

## 3. FIRE AND EXPLOSION HAZARD DATA:

SPECIAL FIRE HAZARDS: Product (concentrate) can decompose and will release oxygen, adding to the fire hazard.

FIRE FIGHTING METHODS: Product is not flammable and can be quickly diluted with water.

FIRE & EXPLOSION HAZARDS: At 130°F self accelerating decomposition may start, releasing oxygen and adding to fire hazard.

## 4. REACTIVITY DATA:

STABILITY: Stable under normal conditions with slow oxygen release.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS : None

HAZARDOUS POLYMERIZATION: Will not occur.

## 5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: : Material that cannot be recovered into drums should be adsorbed onto inert absorbent.. Wash down balance with plenty of water.

DISPOSAL METHOD: Dispose of according to local, state and Federal regulations. Incineration is preferred.

## 6. HEALTH HAZARD DATA:

EFFECTS OF OVEREXPOSURE: Corrosive to mucous membranes, eyes and skin. Excessive exposure to vapors may cause irritation, persons with asthma or other lung problems may be affected. Harmful or fatal if swallowed.

## 7. FIRST AID

IF IN EYES: Flush with water 15 minutes. Get medical attention.

IF ON SKIN: Flush with water 15 minutes. Get medical attention if irritation persists.

IF SWALLOWED: Rinse mouth at once. Have person sip water if able to swallow. Call a physician or Poison Control Center. Do not induce vomiting. Do not induce vomiting or give anything by mouth to an unconscious person.

IF BREATHED: If unconscious, remove victim to fresh air and immediately call a physician. If necessary, immediately apply artificial respiration.

## 8. HANDLING PRECAUTIONS:

VENTILATION: Good room ventilation is usually adequate for most operations.

AVOID: Heat and reactive substances, and organic materials.

RESPIRATORY PROTECTION: If vapors are present use a NIOSH approved self-contained breathing unit.

SKIN PROTECTION: Chemical resistant gauntlet type rubber gloves.

EYE PROTECTION: Chemical goggles or full face shield. Eye fountain near work.

## 9. ADDITIONAL INFORMATION:

NOTE: Containers of this material may be hazardous when emptied. since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

OxyFresh is registered with the U. S. Environmental Protection Agency. (EPA Reg. No. 33354-18). Read and follow label directions for handling, storage and use.

The information accumulated herein is believed to be accurate but does not purport to be all inclusive and shall be used only as a guide. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. HDH Agri Products, LLC shall not be held liable for any damage resulting from handling or from contact with the above product

- Do not wear contact lenses while working with chemicals.
- No special conditions to avoid are known other than those listed above.
- Product should not be stored with hazardous materials.

## SHIPPING DESIGNATIONS;

Hydrogen Peroxide Mixture stabilized, not more than 5% peroxyacetic acid.

UN 3149

HAZARDOUS CLASS 5.1

PACKAGING GROUP II

NFPA Rating : Health = 2; Flammability = 0; Reactivity = 3 Special -OXY