

MATERIAL SAFETY DATA SHEET

FIVE STAR AFFILIATES, INC.
6731 E. 50TH AVENUE
COMMERCE CITY, CO. 80022

PHONE: 303-287-0186
MSDS DATE: 12-15-10
REPLACES: 6-24-98

IDENTIFICATION

PRODUCT NAME: PEROXYACETIC ACID
COMPOSITION: Peracetic acid, acetic acid, hydrogen peroxide and water.

HAZARDOUS INGREDIENTS:	%	TLV LIMIT IN AIR
Peracetic Acid	79-21-0	None
Acetic Acid	64-19-7	10 ppm
Hydrogen Peroxide	7722-84-1	1 ppm

PHYSICAL DATA

APPEARANCE: Colorless liquid	ODOR: Pungent
SOLUBILITY: Soluble	BOILING POINT: 200° F
MELTING POINT: Not Applicable	VAPOR DENSITY: Not Available
VAPOR PRESSURE: 25 to 27 mbar @ 20 C	SPECIFIC GRAVITY: 1.1 g/cm3 (H20=1)
EVAPORATION RATE: Not Available	

FIRE AND EXPLOSION DATA

FLASH POINT: 96° C
EXPLOSION: Not considered an explosion hazard.
FIRE EXTINGUISHING MEDIA: Water. Evacuate enclosed and surrounding areas. If smoke and fumes. Cannot be avoided, use proximity suit and self-contained breathing apparatus. Use water spray to cool containers and disperse vapors. Keep spills away from sources of ignition.
SPECIAL INFORMATION: Heating may cause explosion.

HEALTH HAZARD DATA

- ◆ Causes severe eyes and skin burns. Harmful if swallowed.
- ◆ Vapor irritating to the eyes and respiratory tract.
- ◆ Do not get in eyes, on skin, or on clothing.
- ◆ Avoid breathing mist.
- ◆ Wash thoroughly after handling.
- ◆ Store in tightly closed container.
- ◆ Combustible Liquid and Vapor

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Expected to cause burns to the respiratory tract. If inhaled remove to fresh air. Give oxygen if breathing is difficult. If breathing has stopped, give artificial respiration. Call a physician immediately.

INGESTION: Expected to cause burns to the gastrointestinal tract. If swallowed, do not induce vomiting. Give victim a glass of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Causes severe skin burns. In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminating clothing. Call a physician immediately.

EYE CONTACT: Causes severe eye burns. In case of contact, immediately flush under upper and lower eye lids with plenty of water for at least 15 minutes. Call a physician immediately.

CHRONIC EXPOSURE: No chronic effects are known for humans.

RESPIRATORY PROTECTION:	Atmospheric levels should be maintained below the exposure limits Listed in Section III by using engineering controls. If not feasible, Use approved full facepiece air-purifying respirator.
VENTILATION SYSTEM:	Provide general and/or local exhaust ventilation to maintain airborne levels below the exposure limits in Section III. Refer To "Industrial Ventilation" by ACGIH for a manual of recommended practices.
SKIN PROTECTION:	If skin or contamination of clothing is likely, protective clothing Should be worn.
EYE PROTECTION:	Chemical goggles are required.
PROTECTIVE GLOVES:	Wear chemical resistant gloves.

REACTIVE DATA

STABILITY:	Stable at normal tempetures and condition of storage.
HAZARDOUS DECOMPOSITION PRODUCTS:	Acetic acid.
HAZARDOUS POLYMERIZATION:	Will not undergo hazardous polymerization.
INCOMPATIBILITIES:	Heavy metal ions, alkalis, and combustibile materials.

SPILL OR LEAK PROCEDURES

SPILL:	See Section V and VI for hazards and exposure controls. Dike with sand or earth to contain spill. Avoid ignition sources. Absorb with sand to other non-flammable material and transfer to approve DOT drum for recovery or disposal.
DISPOSE	Dispose of in accordance with all local, state and federal regulations.
GENERAL:	CERCLA/SARA requires notification to the appropriate Federal state and local authorities of releases of hazardous or extremely hazardous quantities equal to or greater than the Reportable Quantities (RQs) in 50 CFR 302.4 and 40 CFR 355. SARA Title 313 requires submissions of annual reports of releases of toxic chemicals that appear in 40 CFR 372. Components present in this product at a level which could require reporting under statute are listed in Section XII.

TRANSPORTATION

DOT HAZARD CLASSIFICATION:	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MISTURES, STABILIZED, WITH ACIDS, WATER AND NOT MORE THAN 5% PEROXY ACETIC ACID. 5.1, (8), UN 3149, PGII RQ=1,000
US DOT LABEL: LABEL REQUIRED:	Oxidizer, UN3149, Class 5; Secondary Label Corrosive Oxidizer, Class 5 and corrosive labels as required by OSHA Hazard Communication Standard, and any applicable state and local regulations.

EMERGENCY TELEPHONE: INFOTRAC 800-535-5053