

# M S D S

# Material Safety Data Sheet



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## Acetic Acid Solution, 5% v/v

### SECTION 1 PRODUCT IDENTIFICATION

NAME: Acetic Acid Solution, 5% w/v  
EKI ORDER NUMBER: 1125  
SYNONYMS: Acetic Acid, Dilute  
CAS NO: Does not apply  
FORMULA: Does not apply  
REVISION DATE: 31 March 2005

#### \*\*\* LABEL HAZARD STATEMENT AND PRECAUTIONS \*\*\*

CAUTION. MAY CAUSE IRRITATION. Avoid contact with skin, eyes and clothing. Avoid breathing vapor. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

### SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

| INGREDIENT  | CAS NO  | OSHA PEL   | ACGIH TLV                 |
|-------------|---------|------------|---------------------------|
| -----       | -----   | -----      | -----                     |
| Acetic Acid | 64-19-7 | 10 ppm TWA | 10 ppm TWA<br>15 ppm STEL |

### SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Complete  
VAPOR PRESSURE: N/E  
SPECIFIC GRAVITY: N/E  
EVAPORATION RATE: N/E  
BOILING POINT: N/E  
VAPOR DENSITY: N/E  
MELTING POINT: N/E  
APPEARANCE AND ODOR: Clear, colorless liquid; faint vinegar odor.

### SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT: Not combustible.  
FLAMMABLE LIMITS (UPPER AND LOWER): Does not apply.  
EXTINGUISHING MEDIA: Suitable for surrounding fire.  
SPECIAL FIRE FIGHTING PROCEDURES: N/E  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

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## SECTION 5 REACTIVITY DATA

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STABILITY: Stable  
CONDITIONS TO AVOID: N/E  
MATERIALS TO AVOID: N/E  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/I  
HAZARDOUS POLYMERIZATION: Will not occur

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## SECTION 6 HEALTH HAZARD DATA

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ROUTES OF ENTRY: Inhalation, ingestion, skin and eye contact.  
HEALTH HAZARDS (ACUTE AND CHRONIC): May cause slight irritation to eyes and skin. Vapors may cause slight irritation to respiratory tract.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May cause dermatitis in sensitive individuals.  
CARCINOGENICITY: Not listed by NTP, OSHA, or ACGIH as a carcinogen.

### \*\*\*\*FIRST AID PROCEDURES\*\*\*\*

EYES: Flush thoroughly with water. Get medical attention if irritation develops or persists.  
SKIN: Wash with soap and water.  
INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.  
INGESTION: Not expected to have any adverse health effects.

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## SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Contain spill. Absorb with inert material and containerize for disposal.  
WASTE DISPOSAL METHOD: Dilute and flush to drain.  
OTHER PRECAUTIONS: N/E  
STORAGE: Store tightly closed at 15-30C.

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## SECTION 8 CONTROL MEASURES

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VENTILATION: General  
RESPIRATORY PROTECTION: Not normally required  
EYE PROTECTION: Chemical resistant goggles  
GLOVES: Chemical resistant  
OTHER PROTECTIVE CLOTHING: N/E  
WORK HYGIENE PRACTICES: Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Do not smoke or eat in work areas.

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