

MSDS

H.R. Simon and Company, Inc. (800) 638-9460
3515 Marmenco Court
Baltimore, Maryland 21230

for chemical **Emergency: (800) 424-9300**

Section 1 Identification:

Chemical Family: Aqueous Solution

Date: 01/09

Chemical Name: Kodak Equivalent Developer Part B

MSDS Number: S60-CKEB S60-CKEDB

Section 2 Composition (Ingredients required)

Name	%	CAS Number	ACGIH(TLV)	OSHA (PEL)
Acetic Acid	75-80	64-19-7	25mg/m ³	25mg/m ³
Diethylene Glycol	20-25	111-46-6	*NE	
*NE				
1-Phenyl-3-Pyrazolidone	1-3	92-43-3	*NE	*NE

Section 3 Hazards Identification:

Danger: Contains Acetic Acid (64-19-7)
Causes severe burns to eyes and skin
Vapor extremely irritating to eyes and respiratory tract
May cause an allergic skin reaction.

Section 4 First Aid Measures:

Eyes: Immediately flush eyes with water for fifteen minutes. Seek medical help.
Skin: Remove contaminated clothing. Flush skin with water for fifteen minutes.
If symptoms persist, seek medical help.
Ingestion: Do not induce vomiting. Immediately give large amounts of water. Do not give anything by mouth to an unconscious person. Seek medical assistance.
Inhalation: Remove subject to fresh air. If symptoms persist, seek medical help.

Section 5 Fire Fighting Measures:

Flash Point: > 200°F
Extinguishing Media: Use media for surrounding material
Fire Fighting Procedures: Full turnout clothing and SCBA (Self-Contained Breathing Apparatus)
Unusual Fire and Explosion Hazards: None

Section 6 Accidental Release Measures:

Small spills may be mopped up. Soak spill with saw dust, sand, oil dry, or any other absorbent material. Spill may be neutralized with Sodium Bicarbonate. Dispose of recovered material in accordance with all federal, state and local regulations.

Section 7 Handling and Storage:

Store away from oxidizing materials.

Section 8 Exposure Controls:

NOISH approved respirator for mists. No special ventilation is necessary, except in small enclosed areas where a local exhaust fan should be used. Use latex or neoprene gloves, safety glasses with side-shields or chemical goggles. Wear a chemical resistant apron.

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Section 9 Physical Chemical Properties:

Kodak Equivalent Developer Part B

Boiling Point: >212°F
Appearance: Clear yellowish liquid
Specific Gravity: 1.10 @ 15.5° C

Solubility in Water: Complete
Odor: Strong vinegar odor
ph Level: 2.9 @ 25° C

Section 10 Stability and Reactivity:

Chemical stability: stable. **Incompatibility:** oxidizing agents, strong alkaline materials. **Decomposition Products:** Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen. **Hazardous Polymerization** will not occur.

Section 11 Toxicology Information:

The vapor from this product is extremely irritating. May cause irritation to the respiratory tract. May cause burns to eyes and skin. Harmful if swallowed. May cause burns to gastrointestinal tract.

Section 12 Ecological Information:

Material diluted with large amounts of water and followed by secondary waste treatment should not cause any adverse environmental effects.

Section 13 Disposal Considerations:

Dispose of recovered materials through a licensed contractor or a waste water treatment system. Comply with all federal, state and local regulations.

Section 14 Transportation Information:

For transportation regarding this product, contact H.R. Simon & Company, Inc. (800) 638-9460.

Section 15 Regulatory Information:

Materials known to state of California to cause cancer: None
Materials known to state of California to cause adverse reproductive effects: None
Carcinogenicity Classification (components present at 0.1% or more):
International Agency for Research of Cancer (IARC): None
American Conference of Governmental Industrial Hygienists (ACGIH): None
National Toxicology Program (NTP): None
Occupational Safety and Health Administration (OSHA): None

Chemicals subject to the report requirements of section 313 or Title III of the Superfund Amendments Reauthorization Act (SARA) of 1986 and 40CFR Part 372: None

Section 16 Other Data:

NFPA HAZARD CODES (0=LEAST; 4=MOST)
HEALTH=2
FLAMMABILITY=1
REACTIVITY=0
SPECIFIC HAZARD=0

Note: This MSDS relates only to the material herein, and does not relate in combination with any other material or process. This MSDS is based on information provided by us and is believed to be accurate, although no guarantee or warranty is provided or implied by the company in this respect. Since the use of this product is the exclusive control of the user, it is the user's responsibility to determine the conditions of safe use. Such conditions must comply with all government regulations.