

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: 01/03

Chemical Name: Kodak Equivalent Developer Part A
MSDS Number: S60-CKEA S60-CKEDA

Section 2 Composition (Ingredients required)

Name	%	CAS Number	ACGIH(TLV)	OSHA (PEL)
Hydroquinone	4-10	123-31-9	2mg/m ³ TWA	2mg/m ³ TWA
Sodium Bisulfite		8-10	7631-90-5	5mg/m ³ TWA
Potassium Hydroxide	1-5	1310-58-3	2mg/m ³ ceiling	*NE

Section 3 Hazards Identification:

Warning! Contains : Hydroquinone (123-31-9), Sodium Bisulfite (7631-90-5)
Potassium Hydroxide (1310-58-3)
Harmful if swallowed.
Causes skin and eye irritation.
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 for fifteen minutes. If symptoms persist, seek medical help.
Ingestion: Conscious subject: immediately give 8-12 ounces of water. Get medical attention. Unconscious person: call for medical help immediately. Do not give anything by mouth to an unconscious person.
Inhalation: Remove subject to fresh air. If symptoms persist, seek medical help.

Section 5 Fire Fighting Measures:

Flash Point: none
Extinguishing Media: Use media for surrounding material
Fire Fighting Procedures: No special procedures
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. Dispose of recovered material in accordance with all federal, state and local regulations.

Section 7 Handling and Storage:

No special storage required.

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:

Boiling Point: >212 °F
Appearance: Clear liquid
Specific Gravity: 1.28 @ 15.5 °C

Kodak Equivalent Developer Part A

Solubility in Water: Complete
Odor: Slight indistinguishable odor
ph Level: 11.5 @ 25° C

Section 10 Stability and Reactivity:

Chemical stability: stable. **Incompatibility:** strong oxidizing materials and strong acids.
Decomposition Products: If heated to dryness, oxides of sulfur could be released.
Hazardous Polymerization: will not occur.

Section 11 Toxicology Information:

Harmful if swallowed. May cause irritation to the gastrointestinal tract. May cause irritation to eyes and skin. May cause allergic reactions in some people. Inhalation may cause adverse reactions in susceptible individuals, especially asthmatics.

Section 12 Ecological Information:

Material diluted with large amounts of water and followed by secondary waste treatment should not cause 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: Hydroquinone

Section 16 Other Data:

NFPA HAZARD CODES (0=LEAST; 4=MOST)
HEALTH=1
FLAMMABILITY=0
REACTIVITY=1
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 to 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 in 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.