

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 Name: HS Developer Powder Part 3
MSDS Number: S50-073

Chemical Family: Powder Blend
Date: 1/03

Section 2 Composition (Ingredients required)

	%	CAS Number	ACGIH (TLV)	OSHA(PEL)
Hydroquinone	50-60	123-31-9	2mg/m ³	2mg/m ³
Sodium Bisulfite	40-50	7681-57-4	5mg/m ³	5mg/m ³
Boric Acid	<10	10043-35-3	Not Established	Not Established
1-Phenyl-3-Pyrazolidone <1		92-43-3	Not Established	Not Established

Section 3 Hazards Identification:

Warning! Contains Hydroquinone (123-31-9)
Harmful if swallowed.
Cause skin and eye irritation
May cause 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 large amounts of water and induce vomiting. Unconscious person: call for medical help. 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: 165 °C
Extinguishing Media: Use media for surrounding material
Fire Fighting Procedures: Full turnout clothing and SCBA(Self-Contained Breathing Apparatus)
Unusual Fire and Explosion Hazards: Dust may form explosive mixture with air at ignition point in excess of 520 ° C (968 °F)

Section 6 Accidental Release Measures:

Sweep or scoop spilled material into a plastic or metal container or drum with a tightly fitting cover.
Dispose of material in accordance with all federal, state and local regulations.

Section 7 Handling and Storage:

Store away from food and oxidizing materials. Store in dry area.

Section 8 Exposure Controls:

NOISH approved dust/mist respirator. 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.

Section 9 Physical Chemical Properties:

Boiling Point: N/A

Solubility in Water: Complete

Appearance: White Powder

Odor: No distinct odor

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Section 10 Stability and Reactivity:

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Chemical stability: stable. **Incompatibility,** strong bases and oxidizers.

Decomposition Products: Carbon oxides may occur on decomposition.

Hazardous Polymerization: will not occur.

Section 11 Toxicology Information:

Inhalation: Harmful if inhaled. May irritate mucous membranes and upper respiratory tract. May cause allergic reactions in some people. Inhalation may cause adverse reactions in susceptible individuals, especially asthmatics.

Eyes: May irritate eyes.

Skin: Causes irritation. May cause allergic skin reaction.

Ingestion: Harmful if swallowed. Hydroquinone is toxic and may cause severe irritation to the gastrointestinal tract.

Section 12 Ecological Information:

Product is not expected to have an adverse impact on the ecology.

Section 13 Disposal Considerations:

Consult federal, state and local regulations before disposal.

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

Chemical subject to reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372: Hydroquinone

Section 16 Other Data:

NFPA HAZARD CODES (0=LEAST; 4=MOST)

HEALTH=2

FLAMMABILITY=0

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 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.