

Auto-Chem Developer
Manufacturer MSDS Number: S40-023 091-1974, L40-023 52597, S40-020
091-1958A NFPA
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SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Auto-Chem Developer
Manufacturer Name: H.R. Simon and Company, Inc.
Address:
3515 Marmenco Court
Baltimore, Maryland 21230
Business Phone: (800) 638-9460
For information in North America, call: (800) 638-9460
Chemtrec: For emergencies in the US, call CHEMTREC: 800-424-9300
Manufacturer MSDS Revision Date: 4/05

Chemical Family: Aqueous Solutions
Chemical Name:
Auto-Chem Developer

NFPA HAZARD CODES:

0 = LEAST
4 = MOST
NFPA
Health: 1
Flammability: 0
Reactivity: 0
Other: 0

SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name
Hydroquinone CAS#
123-31-9

OSHA PEL TWA: 2 mg/m3
ACGIH TLV TWA: 2 mg/m3

Chemical Name
Glutaraldehyde CAS#
111-30-8
OSHA PEL TWA: 0.2 ppm

Chemical Name
Sodium Hydroxide CAS#
1310-73-3

SECTION 3 : HAZARDS IDENTIFICATION

Applies to All Ingredients:

Potential Health Effects:

Warning! Contains: Sodium Hydroxide, Hydroquinone, Sodium Bisulfite, and Glutaraldehyde.

May irritate eyes or skin.

Inhalation may irritate respiratory tract.

Carcinogenicity:

Carcinogenicity Classification (components present at 0.1% or more):

OSHA Designation:

None

NTP Designation:

None

IARC Designation:

None

ACGIH Designation:

None

SECTION 4 : FIRST AID MEASURES

Eye Contact:

Immediately flush eyes with water for fifteen minutes. Seek medical help.

Skin Contact:

Remove contaminated clothing. Flush skin for fifteen minutes. If symptoms persist, seek medical help.

Inhalation:

Remove subject to fresh air. If symptoms persist, seek medical help.

Ingestion:

Conscious subject: immediately give large amounts of water and induce vomiting. Unconscious person: call for medical help immediately. Do not give anything by mouth to an unconscious person

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:

None

Extinguishing Media:

Use media for surrounding material

Fire Fighting Instructions:

No special procedures

Unusual Fire Hazards:

None

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Spill Cleanup Measures:

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.

Small Spill:

Small spills may be mopped up.

SECTION 7 : HANDLING and STORAGE

Storage:

No special storage requirements.

SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

Ventilation System:

No special ventilation is necessary, except in small enclosed areas where a local exhaust fan should be used.

Hand Protection Description:

Use latex neoprene gloves.

Eye/Face Protection:

Use safety glasses with side-shields or chemical goggles.

Protective Clothing/Body Protection:

Wear a chemical resistant apron.

Respiratory Protection:

NIOSH approved respirator for mists.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:

Clear liquid

Odor:

Slight indistinguishable odor

pH:

10.3 @ 25 deg C

Boiling Point:

> 212 deg F

Solubility:

In Water: Complete

Specific Gravity:

1.079 - 1.080 @ 15 deg C

Flashpoint:

None

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:

Stable

Incompatibilities with Other Materials:

Strong Alkaline Materials
Hazardous Decomposition Products:
If heated to dryness, oxides of sulfur could be released.

SECTION 11 : TOXICOLOGICAL INFORMATION

Toxicological Paragraph:
May irritate eyes, skin and respiratory tract. May cause skin rash
May cause allergic reactions in some people. Inhalation may cause
adverse reactions in susceptible individuals, especially asthmatic

SECTION 12 : ECOLOGICAL INFORMATION

Ecological Paragraph:
Small quantities diluted with water followed by secondary waste
treatment system should not cause adverse environmental effects.

SECTION 13 : DISPOSAL CONSIDERATIONS

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

SECTION 14 : TRANSPORT INFORMATION

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

SECTION 15 : REGULATORY INFORMATION

Applies to All Ingredients:
State:
Materials known to state of California to cause cancer: None
Materials known to state of California to cause adverse reproductiv
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
Hydroquinone :

Section 313 Toxic Release Form:

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

SECTION 16 : ADDITIONAL INFORMATION

NFPA:

Fire Hazard: 0=LEAST
Health: 1
Reactivity: 0=LEAST
Specific Hazard: 0=LEAST

MSDS Revision Date:

4/05

Disclaimer:

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 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.

NFPA HAZARD CODES:

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4 = MOST