

New55 Holdings, LLC

R5 MONOBATH DEVELOPER

Material Safety Data Sheet

Data sheet No. 030916

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October 2, 2015

Version 1.0

Section 1 - Product and Company Information

Product name: R5 MONOBATH DEVELOPER

Company: New55 Holdings, LLC

Address: 72 Nickerson Road
Ashland MA 01721

Section 2 - Hazards Identification

Composition / information on ingredients

<u>Chemical name</u>	<u>CAS number</u>	<u>WT%</u>
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HC110 (Kodak developer) composition

Diethanolamine	111-42-2	1.86%
Sulphur dioxide	7446-09-5	1.2%
Hydroquinone	123-31-9	.31%
Diethylene glycol	111-46-6	.31%
Ethanolamine	141-43-5	.31%
Diethylenetriamine-		
-pentaacetic acid	67-43-6	.062%
Potassium bromide	7758-02-3	.062%
1,2-Benzenediol	120-80-9	.006%
Ethylene glycol	107-21-1	.006%

Ammonium hydroxide		
Aqueous	1336-21-6	2.4%
Fixer		
Ammonium Thiosulphate	7783-18-8	.19%
Sodium Sulfit	7757-83-7	.15%
Glacial Acetic Acid	64-19-7	.10%
Boric Acid	10043-35-3	.07%
Water	7732-18-5	90.2%

Emergency Overview no significant adverse health effects

Appearance clear liquid

Physical state liquid

Odor smell of household ammonia

Potential health effect

Eyes May cause slight irritation. Not expected to produce adverse health effects when recommended use and instructions are followed.

Skin Harmful if absorbed through the skin, may cause skin burns.

Inhalation Harmful if inhaled, mist or vapor irritating to respiratory tract.

Section 3 - Composition/Information on Ingredients

Please note that chemicals present in the monobath in concentrations below 2% which are considered not to be a hazard may not be included in the list of ingredients.

<u>Material</u>	<u>%</u>	<u>CAS Number</u>
AS IN SECTION 2		

Section 4 - First Aid Measures For

Eye Contact - Immediately Flush with water while holding the eyelids open.

Skin contact - Immediately flush skin with water.

Ingestion - Call physician or poison control immediately.

Section 5 - Fire Fighting Measures

Suitable extinguishing media - Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Protective equipment - As in any fire, wear self-contained breathing apparatus pressure demand, MSHA, NIOH (approved or equivalent) and full protective gear.

Flash point - No information available (Aqueous solutions)

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures - Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions - Prevent further leaks or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up - Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Advice on safe handling - Avoid contact with skin, eyes and clothing. Use in well ventilated areas. Wear personal protective equipment. Do not eat, drink or smoke when using these solutions. Handle in accordance with good industrial hygiene and safety practice.

Storage conditions - Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep away from direct sunlight. Keep from freezing.

Section 8 - Exposure Controls / Personal Protection

Exposure guidelines - This product does not contain any hazardous materials with occupational exposure limits.

Personal protective equipment - Safety glasses with side-shields or goggles are recommended. Wear protective gloves and additional protective clothing as necessary to prevent exposures.

Section 9 - Physical and Chemical Properties

Melting Point:	
Boiling Point:	100 deg C (water)
Specific Gravity:	(H ₂ O=1)
% Solubility in Water:	Negligible
Vapor Density:	(Air=1)
% Volatiles by Volume:	70%
Vapor Pressure:	17mm Hg @20 deg C
Evaporation Rate:	slow
PH:	8 to 10
Pour Point:	Not available

Softening Point: Not available
Viscosity: Not available
Bulk Density: Not available
Surface Tension: Not available
Log Kow: Not available

Section 10 - Stability and Reactivity

Stability - Stable under recommended storage and handling conditions.

Incompatible products - Strong oxidizing agents.

Conditions to avoid - Extremes of temperature and direct sunlight. High humidity.

Section 11 - Toxicological Information

Inhalation - Breathing dust or spray mist causes irritation.

Skin Contact - Irritating

Eye - Irritating based on PH

Ingestion effects - Not available

Effects of Acute Overexposure - Not available

Section 12 - Ecological Information

Not available.

Section 13 - Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation
Contact a licensed professional waste disposal service to dispose of this material.
Dissolve or mix the material with combustible solvent and burn in a chemical

incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Section 14 - Transport Information

NOT Regulated

Section 15 - Regulatory Information

NOT Regulated

Section 16 - other Information

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DISCLAIMER

The Information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling in use, processing, storage, transportation, disposal, and release.

Samuel W. Hiser
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New55 Holdings, LLC