MATERIAL SAFETY DATA SHEET Page 1 of 3

TRADE NAME: Quicksilver Activator DATE: October 2011

#### I. PRODUCT IDENTIFICATION

Name/Synonym: Plate Developer Part Number: 83-8-107762

Agfa Division

Rayor C Manufactured by:

Bayer Corporation Presstek, Inc.
100 Challenger Road 55 Executive Drive Ridgefield, New Jersey Hudson, NH 03051

Emergency Phone - Day - (603) 595-7000

Night - Chemtrec (800) 424-9300

# II. INGREDIENTS - Confidential Information for Safety/Health Use Only (ALL EXPOSURE LIMITS ARE PPM UNLESS OTHERWISE NOTED)

Chemical Name	CAS#	OSHA	ACGIH, N	IOSH,	NTP, IARC	WT %
		PEL	TLV, EXP	OSURE	OSHA	
			LIMITS			
			TWA	STEL	CARCINOG	EN
Hazardous Ingredients						
Potassium Hydroxide1310-58-3		N/E	2mg/m3	N/A	No	2-5%
Non-Hazardous Ingredients						
Water	7732-18-5	N/E	N/E	N/E	No	90-95%
Potassium Sulfite	10117-38-1	N/E	N/E	N/E	No	1-5%
Aminoethylene-				N/E		
ethanolamine	111-41-1	N/E	N/E		No	1-5%

### III. PHYSICAL PROPERTIES

Boiling Point (°C): 100 (approx) Specific Gravity (H2O=1): 1.070 Vapor Pressure (mmHg): 2.3 Pa at 20°C Melting Point: 0°C

Vapor Density (Air=1): N/E

Evaporation Rate Solubility in Water: 100% (butyl acetate=1): N/A

Appearance/Odor: Yellow solution pH: >13

Alcoholic odor

#### IV. FIRE AND EXPLOSION HAZARD

Flash Point: N/A Flammable Limits: LEL: N/A UEL: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedure: Irritating toxic gases at high

temperatures

Unusual Fire/Explosion Hazards: N/A

N/A = Not ApplicableN/E = Not Established

### V. REACTIVITY DATA

Stability: Stable Conditions to Avoid: High Temperatures

Incompatibility, Materials to Avoid: Strong acids, oxidizers

Hazardous Decomposition Products: Oxides of sulfur

Hazardous Polymerization: Will not occur

### VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSAL

Prevent spill from entering sewer. Soak up with absorbant material

### VII. HEALTH HAZARD DATA

A) Routes of entry, signs and symptoms of overexposure, acute and chronic effects.

Eye: Severe irritation or burning

Skin: Severe irritation or burning

Inhalation: Normally not a problem

Ingestion: Severe irritation or burning of mucous membranes

Target Organs: None

B) Carcinogenicity: No

C) Medical conditions generally aggravated by normal exposure:

Asthmatic and individuals sensitive to low levels of sulfur dioxide

D) Emergency and First Aid

Eye: Flush with water for at least 15 minutes Skin: Flush with water for at least 15 minutes

Inhalation: Remove to fresh air Ingestion: Obtain medical attention

## VIII. SPECIAL PROTECTION INFORMATION

Respiration Protection: None needed with normal ventilation

Ventilation - Local Exhaust: Normal-10 volume changes/hr Other: N/A

Protective Gloves: Yes Other Protection: Apro Eye Protection: Yes

Apron

# IX. SPECIAL PRECAUTIONS

Handling and Storage: Avoid skin and eye contact. Store in well-

ventilated area.

Other: For commercial use only

### X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)

None

Reportable Quantity (40 CFR 355: SARA Sec. 302)

Potassium Hydroxide - 1000 lb.

Hazardous Substance (40 CFR 302: CERCLA Table 302.4)

Yes - Potassium Hydroxide

RCRA Waste Number

None

Volatile Organic Compounds

0

SARA Hazard Class

Acute: Yes Chronic: No Fire: No Pressure: No Reactivity: Yes

HMIS Hazard Rating

Health: 2 Flammability: 0 Reactivity: 0 Specific Hazard: B

### XI. DOT SHIPPING INFORMATION

Surface: Corrosive Liquid Air: No

Proper Shipping Name: Potassium Hydroxide Solution, Nos. 8, UN1814, II

Corrosive

UN 1814 Class 8 Labels: Corrosive

NOTE: The chemicals in this product are listed on the TSCA inventory.

## XII. DISCLAIMER

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind. Presstek believes that the information contained herein is current as of the revision date of this MSDS. Since the conditions of use of this product are beyond the control of Presstek, it is the obligation of the user to determine the conditions for safe use.