

TRADE NAME: Quicksilver Activator

DATE: May 2013  
(REVISED)

I. PRODUCT IDENTIFICATION

Name/Synonym: Plate Developer

Part Number: 83-8-107762

Manufactured by:

Distributed by:

Agfa Division  
Bayer Corporation  
100 Challenger Road  
Ridgefield, New Jersey

Mark Andy, Inc.  
18081 Chesterfield Airport Rd.  
Chesterfield, MO 63005

Company Phone: (US)800-225-4835 (CAN)800-387-3143  
Emergency Phone: 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 PEL	ACGIH, NIOSH, NTP, IARC TLV, EXPOSURE LIMITS		OSHA CARCINOGEN	WT %
			TWA	STEL		
Hazardous Ingredients						
Potassium Hydroxide	1310-58-3	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- ethanolamine	111-41-1	N/E	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 Applicable  
N/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 Eye Protection: Yes

Other Protection: 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. Mark Andy, Inc. 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 Mark Andy, Inc., it is the obligation of the user to determine the conditions for safe use.