

TRADE NAME: Quicksilver Activator

DATE: October 2011

I. PRODUCT IDENTIFICATION

Name/Synonym: Plate Developer

Part Number: 83-8-107762

Manufactured by:

Agfa Division  
Bayer Corporation  
100 Challenger Road  
Ridgefield, New Jersey

Distributed by:

Presstek, Inc.  
55 Executive Drive  
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 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



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.