

# MATERIAL SAFETY DATA SHEET

Arrow Chemical Products, Inc.  
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## Section 1 - IDENTIFICATION

Product Name: **#312 No Rinse Stripper**

## Section 2- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

(Hazardous Ingredients as Defined by OSHA, 29 CFR 1910.1200)

(OSHA & ACGIH EXPOSURE LIMITS, PPM - TWA 8)

% By Wgt.	Material	PEL	T.L.V.	C.A.S. No.
10-20	2-Butoxyethanol*	50 (OSHA-SKIN)	20 (ACGIH-SKIN)	111-76-2
0-5	Potassium Hydroxide*	2 mg/m3	2 mg/m3	1310-58-3
10-20	Monethanolamine*	3 ppm	3 ppm	141-43-5

The balance of ingredients are not considered to be hazardous within the meaning of OSHA Hazard Communication Standard.

ITEMS MARKED \* ARE SARA TITLE III SEC 311/312 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY.

Hazard Rating: Health: 2, Fire: 0, Reactivity: 0, P.P.: B

**DOT Shipping Information: Potassium Hydroxide Solution, 8, UN1814, PGII**

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	No Data
SPECIFIC GRAVITY	1.027
EVAPORATION RATE (Water=1)	1
SOLUBILITY IN WATER	COMPLETE
APPEARANCE AND ODOR	Clear Liquid, Characteristic Odor
pH	13.0 - 13.5

## SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (TCC): >200 F.

FLAMMABLE LIMITS - N/E

EXTINGUISHING MEDIA - Water or suitable material for primary source of fire

SPECIAL FIRE FIGHTING PROCEDURES - Use OSHA approved self-contained breathing apparatus and protective clothing when any material is involved in a fire.

USUAL FIRE AND EXPLOSION HAZARD - None known

## SECTION 5 - REACTIVITY DATA

STABILITY - Stable CONDITIONS TO AVOID - Excessive heat and contamination of any kind.

INCOMPATIBILITY (MATERIALS TO AVOID) - Strong Acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS - Burning may produce carbon monoxide/dioxide.

HAZARDOUS POLYMERIZATION - Will not occur CONDITIONS TO AVOID - None

## SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: EYES (X) SKIN (X) INGESTION (X) INHALATION (X)

PRECAUTIONARY STATEMENTS - KEEP OUT OF REACH OF CHILDREN. Do not get in eyes, on skin or on clothing. Vapors may be irritating to nose, throat and lungs. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

HEALTH HAZARDS (ACUTE AND CHRONIC):

ACUTE: Causes eye and skin irritation. CHRONIC: None known based on OSHA Criteria

CARCINOGENICITY; NTP, IARC MONOGRAPHS, OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - None known.

### EMERGENCY AND FIRST AID PROCEDURES:

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get medical attention. IF ON SKIN: Wash with plenty of water. Remove contaminated clothing. Get medical attention if irritation occurs. IF SWALLOWED: Do not induce vomiting. Drink a large quantity of water. Get immediate medical attention.

INHALATION: Get to fresh air. Seek medical attention if irritation persists.

## SECTION 7 - STORAGE AND DISPOSAL

PRECAUTIONS FOR SAFE HANDLING AND STORAGE: Keep out of reach of children. Keep container closed during storage. Store in a cool, dry place. For industrial and commercial use only.

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED - Absorb spilled material and sweep up.

WASTE DISPOSAL METHOD - Any method in accordance with applicable laws.

## SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION - Not required with normal usage.

VENTILATION - Good general ventilation should be sufficient for most conditions.

PROTECTIVE GLOVES - Rubber gloves or other impervious gloves.

EYE PROTECTION - Chemical anti-splash safety goggles.

N/A = Not Applicable N/E = Not Established

Prepared By: Cindy Schroeder, Director of Research