

MATERIAL SAFETY DATA SHEET

Arrow Chemical Products, Inc.
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 Emergency Telephone: Infotrac (800) 535-5053

Hazard Rating Scale
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Health: 1
Fire: 0
Reactivity: 0

Section 1 - IDENTIFICATIONProduct Name: **#314 Neutralizer**

Date Prepared: 8-11-03

Proper D.O.T. Shipping Name: Phosphoric Acid, solution, 8, UN1805, PGIII

Section 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

<u>% By Wgt. Material</u>	<u>PEL</u>	<u>T.L.V.</u>	<u>S.T.E.L.</u>	<u>C.A.S. No.</u>
0-10% Aliphatic Carboxylic Acid	N/E	N/E	N/E	77-92-9

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 313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	>200 F.
VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A
SPECIFIC GRAVITY:	1.046
MELTING POINT:	N/E
EVAPORATION RATE:	1
(butyl acetate =1)	
SOLUBILITY IN WATER:	Complete
APPEARANCE AND ODOR:	Red liquid, Mild Acid Odor
pH	1.5 – 2.5
VOC:	0

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A FLAMMABLE LIMITS: N/A
 EXTINGUISHING MEDIA – Use appropriate media for primary cause of fire.
 SPECIAL FIRE FIGHTING PROCEDURES – Use OSHA approved self-contained breathing apparatus and protective clothing when any material is involved in a fire.
 UNUSUAL FIRE AND EXPLOSION HAZARDS – None expected.

SECTION 5 - REACTIVITY DATA

STABILITY: Stable
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers and metallic nitrates
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may result in toxic fumes of carbon.
 HAZARDOUS POLYMERIZATION – will not occur.

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: EYES (X) SKIN (X) INGESTION (X) INHALATION (X)
 PRECAUTIONARY STATEMENTS – KEEP OUT OF REACH OF CHILDREN. This product is a skin and mucous membrane irritant and a severe eye irritant. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. Avoid breathing vapor or spray mist. Wash thoroughly after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse. Repeated or prolonged skin contact may cause dermatitis.
 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 eyes with large amounts of water for at least 15 minutes while occasionally lifting lids. Get immediate medical attention.

IF SWALLOWED: If conscious give two glasses of water. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Get medical attention if irritation occurs. Wash clothing before reuse.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

SECTION 7 – STORAGE AND DISPOSAL

STORAGE: Store in a cool dry place. Store in tightly closed container in a secure area inaccessible to children.

DISPOSAL: Do not reuse container. Triple rinse empty container with water. Plastic containers may be offered for recycling. Dispose of product in accordance with applicable laws.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION – Normally not needed. VENTILATION – Provide good general room ventilation to minimize exposure.

PROTECTIVE GLOVES – Impervious rubber gloves.

EYE PROTECTION – Splash Proof Chemical Safety Goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT – Safety shower recommended in all storage and handling areas.

Transportation Information: DOT (Department of Transportation): Not regulated

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

Prepared By: Cindy Schroeder, Director of Research