# MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: PREP & PRIMER HMIS CODES: H F R P

**PROCUCT CODE:** 0717-0718 2\* 1 0 C

**MANUFACTURER'S NAME**: JASCO Chemical Corp.

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====== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION ==========

	VAPOR PRESSURE			WEIGHT
REPORTABLE COMPONENTS	CAS NUMBER	mm Hg @ TEMP		PERCENT
PHOSPHORIC ACID 75%; ORTHOPHOSPHORIC ACID	7664-38-2	15	104	40
OSHA PEL: 1 MG/M3, ACGIH TLV: 1 MG/M3, OTHER: N/A				
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	.9	77	5
OSHA PEL: 50 PPM, ACGIH TLV: 25 PPM, OTHER: N/A				

\*\*\* No toxic chemical (s) subject to the reporting requirements of section 313 of Title III of 40 CFR 372 are present. \*\*\*

WARNING: THIS PRODUCT CONTAINS TRACE AMOUNTS OF ETHYLENE OXIDE WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR REPRODUCTIVE TOXICITY. DOT ID# NA 1760

WARNING: THIS PRODUCT CONTAINS TRACE AMOUNTS OF CHROMIUM COMPOUNDS WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR REPRODUCTIVE TOXICITY. DOT ID # NA 1760

**BOILING RANGE:** 203 DEG. F **SPECIFIC GRAVITY (H2O=1):** 1.19

**VAPOR DENSITY:** HEAVIER THAN AIR **EVAPORATION RATE:** UNKNOWN

**COATING V.O.C.:** 70 g/L

**SOLUBILITY IN WATER:** COMPLETE

**APPEARANCE AND ODOR:** GREEN-BLUE LIQUID; ACIDIC ODOR.

FLASH POINT: NONE METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.1 UPPER: 10.6

EXTINGUISHING MEDIA: ALCOHOL FOAM, CO2, DRY CHEMICAL

#### SPECIAL FIREFIGHTING PROCEDURES

USE WATER SPRAY TO COOL CONTAINERS. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING WHEN FIGHTING FIRES.

# UNUSUAL FIRE AND EXPLOSION HAZARDS

EXTINGUISH ALL IGNITION SOURCES. HYDROGEN GAS MAY BE LIBERATED BY CONTACT WITH SOME METALS.

STABILITY: STABLE CONDITIONS TO AVOID

NONE KNOWN.

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#### HAZARDOUS DECOMPOSITION OR BYPRODUCTS

MAY LIBERATE HYDROGEN GAS OR PHOSPHOROUS OXIDES.

#### INCOMPATIBILITY (MATERIALS TO AVOID)

ALKALIS, OXIDIZING OR REDUCING AGENTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

#### INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

IRRITATION TO MUCOUS MEMBRANES, BURNING SENSATION TO NOSE AND THROAT.

#### SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

THIS PRODUCT IS CORROSIVE AND MAY CAUSE BURNING TO SKIN AND/OR EYES.

#### SKIN ABSORPRTION HEALTH RISKS AND SYMPTONS OF EXPOSURE

DESTRUCTION OF SKIN TISSUE. PRIMARY IRRITANT DERMATITIS.

#### INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

DESTRUCTION TO DIGESTIVE TRACT. CHOKING, COUGHING, VOMITING.

#### **HEALTH HAZARDS (ACUTE AND CHRONIC)**

THIS PRODUCT IS CORROSIVE AND MAY CAUSE BURNING TO SKIN AND/OR MUCOUS MEMBRANES.

#### CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

THIS PRODUCT IS NOT LISTED IN THE NTP, IARC OR OSHA LISTS FOR CARCINOGENICITY.

#### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

SKIN CONDITIONS MAY BE AGGRAVATED. MATERIAL IS CORROSIVE AND WILL CAUSE BURNS.

#### **EMERGENCY AND FIRST AID PROCEDURES**

SKIN: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE VICTIM TO FRESH AIR. RESTORE BREATHING IF NECESSARY. REMEMBER TO NEVER GIVE ANYTHING TO AN UNCONCIOUS PERSON. INGESTION: DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

====== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =============

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WEAR PROTECTIVE CLOTHING. CONTAIN AND NEUTRALIZE WITH SODA ASH. KEEP OUT OF SEWERS AND WATER SOURCES.

## WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP IN A VENTILATED AREA. STORE IN AN UPRIGHT POSITION. STORE AT TEMPERATURES FROM 70-80 DEG. F.

## **OTHER PRECAUTIONS**

EMPTY CONTAINERS SHOULD BE HANDLED AS IF THEY WERE FULL; OBSERVE ALL HAZARD WARNINGS. MATERIAL IS CORROSIVE.

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	===== SEC	TION VIII - CO	ONTROL MEASU	RES ======		======
REPIRATORY PROTECT	ΓΙΟΝ					
NIOSH-APPROVED RESPIRATOR IF	TLV IS EXCEEDED	Э.				
VENTILATION						
LOCAL EXHAUST IS ACCEPTABLE	BUT, MECHANICAI	L EXHAUST IS RECOM	MENDED.			
PROTECTIVE GLOVES						
ACID RESISTANT SUCH AS LATEX	RUBBER.					
EYE PROTECTION						
SAFETY GLASSES/GOGGLES.						
OTHER PROTECTIVE C	LOTHING OR	EQUIPMENT				
ACID RESISTAND SUIT, RUBBER A	APRON, RUBBER BC	OOTS, SAFETY SHOWE	R/ EYEWASH.			
WORK/HYGIENIC PRAC	CTICES					
DO NOT EAT, DRINK OR SMOKE A	ROUND PRODUCT.					
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THIS INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF ACCURATE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS.