

**MATERIAL SAFETY DATA SHEET**

4-8014 OFFSET PLATE CLEANER

Revision Date:5/1/13

**Section I - Product Identification**

Manufacturer's Name | Emergency Phone Number (24 Hours)  
 Mark Andy, Inc | CHEMTREC @ (800) 424-9300  
 ----- | MSDS access online at:  
 Street Address | https://shop.markandy.com/msds  
 18081 Chesterfield Airport Road |  
 ----- | Customer Service: (US) 800-225-4835  
 City,State,Zip Code | (CAN) 800-367-3143  
 Chesterfield, MO 63005 |  
 General Phone: 636-532-4433 | Date Prepared: February 14, 1995  
 ----- |  
 Product Use: OFFSET PRINTING. | Prepared By: Kenneth W. Pinter  
 ----- |

Chemical Name, Trade Name, Synonyms: NONE.

**HMIS RATING**

2 - Health      1 - Flammability      0 - Reactivity      B - Personal Protection

**Section II - Hazardous Ingredients**

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
PETROLEUM DISTILLATE	64742-48-9	38-42	NOT ESTABLISHED.	NOT ESTABLISHED.	300PPM.
SILICA	7631-86-9	3-4	6 mg/M3.	10 mg/M3	
PHOSPHORIC ACID	7664-38-2	5-6	1 mg/M3	1 mg/M3	

**Section III - Physical Data**

Boiling POINT(F): >180 | pH: 1.2  
 ----- |  
 Vapor Pressure(mm Hg): UNKNOWN. | Freezing Point(F): N.A.  
 ----- |  
 Vapor Density (AIR = 1): > 1.0 | VOC: 2.78 LBS/GAL      % VOC: 33%  
 ----- |  
 Specific Gravity (H2O=1): 1.0 | Color And Odor: WHITE / MILD ODOR  
 ----- |  
 Odor Threshold: N.D. | Physical State: VISCOUS LIQUID  
 ----- |  
 Evaporation Rate (Butyl Acetate = 1): N.D.  
 ----- |  
 Solubility in Water: DISPERSES.  
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**Section IV - Fire and Explosion Hazard Data**

FLASH POINT (METHOD USED): 126 F (PMCC) | Flammable Limits:  
 ----- | LEL: 0.8%      UEL: 7%  
 Auto-ignition Temperature: N.D.  
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 Extinguishing Media: FOAM / CO2 / DRY CHEMICAL.  
 ----- |  
 Special Fire Fighting Procedures: NONE.  
 ----- |  
 Unusual Fire And Explosion Hazards: NONE.  
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**Section V - Reactivity Data**

Stability      Unstable :      | Conditions to Avoid: NONE.  
                  Stable    : X      |

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Incompatibility (Materials to Avoid): STRONG OXIDIZING MATERIAL  
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Hazardous Decomposition Products: SMOKE / CARBON MONOXIDE.  
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Hazardous | May Occur: | Conditions to Avoid: NONE.  
Polymerization | Will Not Occur: X |  
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**Section VI - Health Hazard Data (Acute and Chronic)**

Primary Route(s) of Entry: SKIN, INHALATION  
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Oral Ingestion: CONSIDERED A HAZARD DUE TO LOW pH.  
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Eye Contact: MAY CAUSE IRRITATION.  
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Skin Contact: SLIGHT SKIN IRRITATION MAY OCCUR.  
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Inhalation: MAY CAUSE HEADACHES, DIZZINESS, MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.  
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Effects of Overexposure: MAY CAUSE EYE AND SKIN IRRITATION. ANIMAL STUDIES HAVE SHOWN THE PETROLEUM DISTILLATE MAY PRODUCE KIDNEY EFFECTS.  
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Medical Conditions Generally| N.D.  
Aggravated by Exposure

Carcinogenicity: NOT KNOWN TO BE CARCINOGEN  
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Mutagenicity: NOT KNOWN TO BE MUTAGENIC.  
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Teratogenicity: NOT KNOWN TO BE TERATOGENIC.  
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Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.  
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**FIRST AID PROCEDURES**  
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Ingestion: DO NOT INDUCE VOMITING. CALL A PHYSICIAN.  
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Eye: FLUSH WITH WATER FOR 15 MINUTES. CONSULT A PHYSICIAN  
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Skin: WASH WITH SOAP AND WATER.  
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Inhalation: REMOVE TO FRESH AIR.  
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**Section VII - Toxicology Information**

Ingredient	Inhalation	Oral	Dermal
PETROLEUM DISTILLATE	LC50 N.D.	LD50(RATS) N.D.	LD50(RABBITS) N.D.
SILICA	N.D.	3160 mg/KG	N.D.
PHOSPHORIC ACID	N.D.	1530 mg/KG	2750 mg/KG

**Section VIII - Spill or Leak Procedure**

Steps to be taken in case material is released or spilled:

