

JUL 27 1983

550330

**MATERIAL SAFETY DATA SHEET**(APPROVED BY THE U.S. DEPARTMENT OF LABOR AS "essentially similar" to form OSHA-20 (former LSB-OSS-4))  
FOR HAZARDOUS PRODUCTS USED IN PLACES OF EMPLOYMENT

Section 1		NAME AND PRODUCT		Offset Plate Cleaner		4-8014	
MANUFACTURER'S NAME						EMERGENCY PHONE NO.: 24 HOURS	
(a) A. B. DICK COMPANY						(b) 312 - 647 - 8800	
STREET ADDRESS				For latest data, consult manufacturer.		DATE THIS FORM WRITTEN	
(c) 5700 WEST TOUHY AVENUE						(d) December 21, 1981	
CITY, STATE, ZIP CODE				SIGNATURE			
(e) CHICAGO, ILLINOIS 60648				(f) Richard E. Thomas		<i>R.E. Thomas</i>	
CHEMICAL NAME, TRADE NAME, AND SYNONYMS							
(g)							
FORMULA OF PRIMARY COMPONENT(S) (STRUCTURAL)							

Section 2		INGREDIENTS		CAS REG. NO.	%	TLV (units)
1.	Phosphoric Acid	7164-38-2	7-9	1		
	Silica	7631-86-9	3-4			
	Surfactant	-----	4-6			
	Methyl Ethyl Ketone	78-93-3	6-8	200		
	Heptane	142-82-5	32-34	500		
	Water	7732-18-15	<55			
	Fragrance Compound	-----	<.1			

Section 3		PHYSICAL DATA		pH 1.25	
2. BOILING POINT (°F.)	> 180°	6. SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	0.90		
3. VAPOR PRESSURE (mmHg at 20°C)	Unknown	7. % VOLATILE BY VOLUME	90%		
4. VAPOR DENSITY (air=1)	> 1.0	8. COLOR AND ODOR	White - sweet smell		
5. SOLUBILITY IN WATER	Disperses	9. PHYSICAL STATE	Viscous liquid		

Section 4		FIRE AND EXPLOSION HAZARD DATA	
10. FLASH POINT (AND METHOD USED)		11. FLAMMABLE LIMITS (STP)	
40 °F T.O.C. <u>T.C.C.</u> C.O.C.		L.F.L. U.F.L.	
12. EXTINGUISHING MEDIA:			
<input type="checkbox"/> WATER FOG <input checked="" type="checkbox"/> FOAM <input type="checkbox"/> ALCOHOL FOAM <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> OTHER _____			
13. SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT			

Not required.

## 14. UNUSUAL FIRE AND EXPLOSION HAZARDS

None other than the low flash point.

Section 5		REACTIVITY DATA	
15. STABILITY	NORMAL CONDITIONS	OK	16. CONDITIONS TO AVOID
	FIRE CONDITIONS	OK	
17. INCOMPATIBILITY (Materials to avoid)	<input type="checkbox"/> WATER <input type="checkbox"/> ACID <input checked="" type="checkbox"/> BASE <input type="checkbox"/> CORROSIVE <input type="checkbox"/> OXIDIZING MATERIAL <input type="checkbox"/> OTHER _____		
18. HAZARDOUS DECOMPOSITION PRODUCTS			
None			
19. HAZARDOUS POLYMERIZATION	MAY OCCUR		20. CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

(FRONT)

## Section 6 HEALTH HAZARD DATA

## 21. ORAL INGESTION

Considered to be a slight toxic hazard.

## 22. EYE CONTACT

The eyes should be immediately washed with water for at least 15 minutes.

## 23. SKIN CONTACT

Slight skin irritation.

## 24. SKIN ABSORPTION

Not considered a significant hazard.

## 25. INHALATION (TLV OR SUGGESTED CONTROL FIGURE)

A weighted TLV of the vapors would be between 1-500.

## 26. EFFECTS OF OVEREXPOSURE

Produces some local irritation.

## 27. FIRST AID PROCEDURES

If swallowed, do not induce vomiting and call a physician immediately.

## Section 7 SPILL OR LEAK PROCEDURES

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

Wipe up with damp cloth.

## 29. DISPOSAL METHOD

In accordance with local, state and federal regulations for flammable waste.

## Section 8 SPECIAL PROTECTION INFORMATION

30.

VENTILATION

LOCAL EXHAUST

Preferable

MECHANICAL (General)

Acceptable

SPECIAL

OTHER

## 31. RESPIRATORY PROTECTION (Specify Type)

Not required.

## 32. PROTECTIVE CLOTHING

Not required.

## 33. EYE PROTECTION



NOT NORMALLY NECESSARY



SAFETY GLASSES WITHOUT SIDE SHIELDS



CHEMICAL WORKERS GOGGLES



GAS TIGHT GOGGLES OR EQUIVALENT



SAFETY GLASSES WITH SIDE SHIELDS



OTHER

## 34. OTHER PROTECTIVE EQUIPMENT

Not required.

## Section 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

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

Avoid storage at elevated temperatures.

## 36. OTHER PRECAUTIONS