

MATERIAL SAFETY DATA SHEET

#20
550325

(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

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Section 1 NAME AND PRODUCT 4-1114, 4-1115 Fountain Concentrate		
MANUFACTURER'S NAME A.B.DICK COMPANY	EMERGENCY PHONE NO.: 24 HOURS (b) 312-647-8800	
STREET ADDRESS (c) 5700 WEST TOUHY AVENUE	For latest data, consult manufacturer.	DATE THIS FORM WRITTEN (d) February 20, 1986
CITY, STATE, ZIP CODE (e) CHICAGO, ILLINOIS 60648	SIGNATURE (f) KWPinter <i>Kenneth W. Pinter</i>	
CHEMICAL NAME, TRADE NAME, AND SYNONYMS (g) N.A.		

HAZARD CLASSIFICATION FOR DEPARTMENT OF TRANSPORTATION (DOT)

Flammable Liquid Combustible Liquid Corrosive Material

DOT Shipping Name Not regulated. UN#

Section 2 HAZARDOUS INGREDIENTS	CAS Reg. No.	% Wt.	TLV (units)
1. Phosphoric Acid (Z-1)	7164-38-2	<1.6	1 mg./M ³

Section 3 PHYSICAL DATA	pH 4.40	FREEZING POINT (°F) 30
2. BOILING POINT (°F.) ca. 220	6. SPECIFIC GRAVITY (H ₂ O = 1) 1.17	
VAPOR PRESSURE (mmHg at 20°C) ca. 20	7. % VOLATILE BY VOLUME ca. 50	
4. VAPOR DENSITY (air=1) > 1	8. COLOR AND ODOR Blue - None	
5. SOLUBILITY IN WATER Complete	9. PHYSICAL STATE Liquid	

Section 4 FIRE AND EXPLOSION HAZARD DATA

10. FLASH POINT (AND METHOD USED) None OF T.O.C., T.C.C., C.O.C.

11. FLAMMABLE LIMITS (STP) L.F.L. N.A. U.F.L. N.A.

12. EXTINGUISHING MEDIA: N.A.

WATER FOG FOAM ALCOHOL FOAM CO₂ DRY CHEMICAL

OTHER

13. SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT

N.A.

14. UNUSUAL FIRE AND EXPLOSION HAZARDS

N.A.

Section 5 REACTIVITY DATA

15. STABILITY	NORMAL CONDITIONS	OK	16. CONDITIONS TO AVOID N.A.
	FIRE CONDITIONS	OK	

17. INCOMPATIBILITY (Materials to avoid) N.A.

WATER ACID BASE CORROSIVE OXIDIZING MATERIAL

OTHER

HAZARDOUS DECOMPOSITION PRODUCTS

None

19. HAZARDOUS POLYMERIZATION	MAY OCCUR		20. CONDITIONS TO AVOID N.A.
	WILL NOT OCCUR	X	

Section 6 HEALTH HAZARD DATA Primary Route of Entry: Dermal.

21. ORAL INGESTION

Not known to be a problem.

22. EYE CONTACT

May cause eye irritation.

23. SKIN CONTACT

No known problem.

24. SKIN ABSORPTION

Not known to be a problem.

25. INHALATION (TLV OR SUGGESTED CONTROL FIGURE)

Not known to be a problem. Phosphoric Acid TLV = 1 mg./M³

26. EFFECTS OF OVEREXPOSURE

May cause eye irritation.

27. FIRST AID PROCEDURES

Ingestion: DO NOT induce vomiting. Call a physician.
 Eye: Flush with water for 15 minutes. Seek medical attention.
 Skin: Wash with soap and water.
 Inhalation: Remove to fresh air.

Section 7 SPILL OR LEAK PROCEDURES

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

Wipe up with dry or damp cloth.

29. DISPOSAL METHOD

Same as for any non-toxic; non-polluting water soluble material.

Section 8 SPECIAL PROTECTION INFORMATION

30. VENTILATION	LOCAL EXHAUST N.A.	SPECIAL N.A.
	MECHANICAL (General) Normal office conditions	OTHER N.A.

31. RESPIRATORY PROTECTION (Specify Type)

N.A.

32. PROTECTIVE CLOTHING

N.A.

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 Safety goggles.

34. OTHER PROTECTIVE EQUIPMENT

N.A.

Section 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

35. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

N.A.

36. OTHER PRECAUTIONS

N.A.