

MATERIAL SAFETY DATA SHEET

#10 550138

(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 4-1080 Dual Purpose Electrostatic Solution

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.
CITY, STATE, ZIP CODE (e) CHICAGO, ILLINOIS 60648		DATE THIS FORM WRITTEN (d) March 3, 1986
SIGNATURE (f) Kenneth W. Pinter <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. Potassium Ferrocyanide *	13943-58-3	2-3	None established

* (CN) equivalent to 7×10^{-5} mg/l

Section 3 PHYSICAL DATA	pH 4.3	FREEZING POINT (°F) 20	
2. BOILING POINT (°F.)	>212	6. SPECIFIC GRAVITY (H ₂ O = 1)	1.104
VAPOR PRESSURE (mmHg at 20°C)	20 mm	7. % VOLATILE BY VOLUME	80-85
4. VAPOR DENSITY (air=1)	0.60	8. COLOR AND ODOR	Green - no odor
5. SOLUBILITY IN WATER	Complete	9. PHYSICAL STATE	Liquid

Section 4 FIRE AND EXPLOSION HAZARD DATA

10. FLASH POINT (AND METHOD USED) N.A. °F 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. <input type="checkbox"/> WATER FOG <input type="checkbox"/> FOAM <input type="checkbox"/> ALCOHOL FOAM <input type="checkbox"/> CO ₂ <input type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> 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 Storage near acids.
	FIRE CONDITIONS	OK	
17. INCOMPATIBILITY (Materials to avoid)	<input type="checkbox"/> WATER <input checked="" type="checkbox"/> ACID <input type="checkbox"/> BASE <input type="checkbox"/> CORROSIVE <input type="checkbox"/> OXIDIZING MATERIAL <input type="checkbox"/> OTHER		

HAZARDOUS DECOMPOSITION PRODUCTS

Contact with acid or acidic materials may generate hydrogen cyanide.

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

Section 6 HEALTH HAZARD DATA Primary Route(s) of Entry: Dermal

21. ORAL INGESTION

Low toxicity.

22. EYE CONTACT

May cause some irritation.

23. SKIN CONTACT

No known problem.

24. SKIN ABSORPTION

See Item #23.

25. INHALATION (TLV OR SUGGESTED CONTROL FIGURE)

No known problem. Decomposition product TLV (ceiling) = 10 ppm

26. EFFECTS OF OVEREXPOSURE

Unknown. Not considered a problem.

27. FIRST AID PROCEDURES

Ingestion: Call a physician.
 Eyes: Flush with plenty of water. If irritation persists, 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

Dispose of according to local and state regulations for water soluble materials containing small amount of complexed cyanides.

Section 8 SPECIAL PROTECTION INFORMATION

30. VENTILATION	LOCAL EXHAUST N.A.	SPECIAL N.A.
	MECHANICAL (General) Acceptable	OTHER N.A.

31. RESPIRATORY PROTECTION (Specify Type)

N.A.

32. PROTECTIVE CLOTHING

N.A.

33. EYE PROTECTION

<input type="checkbox"/> NOT NORMALLY NECESSARY	<input type="checkbox"/> SAFETY GLASSES WITHOUT SIDE SHIELDS	<input type="checkbox"/> CHEMICAL WORKERS GOGGLES
<input type="checkbox"/> GAS TIGHT GOGGLES OR EQUIVALENT	<input checked="" type="checkbox"/> SAFETY GLASSES WITH SIDE SHIELDS	
<input type="checkbox"/> OTHER		

34. OTHER PROTECTIVE EQUIPMENT

N.A.

Section 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

35. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Solutions may freeze and should be brought to room temperature and shaken vigorously before using.

36. OTHER PRECAUTIONS

N.A.