

MATERIAL SAFETY DATA SHEET

#9 550134

(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 4-1067-1 Conversion Solution

MANUFACTURER'S NAME (a) 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 23, 1987
CITY, STATE, ZIP CODE (e) CHICAGO, ILLINOIS 60648	SIGNATURE (f) Kenneth W. Pinter <i>Kenneth W. Pinter</i>	
CHEMICAL NAME, TRADE NAME, AND SYNONYMS (g) None.		

HAZARD CLASSIFICATION FOR DEPARTMENT OF TRANSPORTATION (DOT)

Flammable Liquid Combustible Liquid Corrosive Material N.A.

DOT Shipping Name Not regulated. UN# N.A.

Section 2 HAZARDOUS INGREDIENTS	CAS Reg. No.	% Wt.	TLV (units)
1. Potassium Ferrocyanide *	13943-58-3	2-3	TLV & PEL: None established
* (CN) equivalent to 7×10^{-5} mg/l			

Section 3 PHYSICAL DATA	pH 4.5	FREEZING POINT (°F) 20
2. BOILING POINT (°F.)	> 212	6. SPECIFIC GRAVITY (H ₂ O = 1)
3. VAPOR PRESSURE (mmHg at 20°C)	20 mm	7. % VOLATILE BY VOLUME
4. VAPOR DENSITY (air=1)	0.6	8. COLOR AND 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		

8. HAZARDOUS DECOMPOSITION PRODUCTS

Contact with acid or acidic materials may generate hydrogen cyanide.

19. HAZARDOUS POLYMERIZATION	MAY OCCUR	20. CONDITIONS TO AVOID See #18
	WILL NOT OCCUR	
	X	

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

21. ORAL INGESTION

Low toxicity.

22. EYE CONTACT

May cause some irritation.

23. SKIN CONTACT

No known problem.

24. Carcinogens:

None present.

25. INHALATION (TLV OR SUGGESTED CONTROL FIGURE)

No problem. TLV & PEL: Not established.

26. EFFECTS OF OVEREXPOSURE

Unknown. Not considered a problem.

27. FIRST AID PROCEDURES

Ingestion: Call a physician.

Eyes: Flush with water for 15 minutes. If irritation persists, call a physician.

Skin: Wash with soap and water.

Inhalation: Not applicable

Medical Conditions Generally Aggravated by Exposure: None known.

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 amounts of complexed cyanide.

Section 8 SPECIAL PROTECTION INFORMATION

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

31. RESPIRATORY PROTECTION (Specify Type)

None required when used as directed.

32. PROTECTIVE CLOTHING

None required when used as directed.

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

None required when used as directed.

Section 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

35. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

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

36. OTHER PRECAUTIONS

N.A.

HMIS RATING

- 1 Health
- 0 Flammability
- 0 Reactivity