

MATERIAL SAFETY DATA SHEET
MSDS for 92-2285 DISPERSANT.

1 -Section I - Product Identification

Manufacturer's Name A.B.DICK COMPANY	Emergency Phone Number (24 Hours) (312) 763-1900
Street Address 5700 WEST TOUHY AVENUE	MSDS Request Phone Number: 1-800-752-5139, Ext. 2531
City, State, Zip Code NILES, ILLINOIS 60714	Date Prepared: January 21, 1994
Product Use: COPYING.	Prepared By: Kenneth W. Pinter
Chemical Name, Trade Name, Synonyms: PETROLEUM SOLVENT.	

HMIS RATING
 2 - Health 2 - Flammability 0 - Reactivity A - Personal Protection

2 -Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
PETROLEUM DISTILLATE (ALIPHATIC).	64742-48-6	100	NOT ESTABLISHED.	NOT ESTABLISHED.	300PPM

3 -Section III - Physical Data

Boiling POINT(F): 315-348	pH: N.A.
Vapor Pressure(mm Hg): < 10	Freezing Point(F): N.A.
Vapor Density (AIR = 1): 5.0	% Volatile By Volume: 100
Specific Gravity (H2O=1): 0.748	Color And Odor: NONE / PETROLEUM

3297

MATERIAL SAFETY DATA SHEET
MSDS for 92-2285 DISPERSANT.

3 -Section III - Physical Data (continued)

Odor Threshold: N.D. | Physical State: LIQUID

Evaporation Rate (Butyl Acetate = 1): 0.1-0.5

Solubility in Water: INSOLUBLE.

4 -Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): | Flammable Limits:
104 (F) T.C.C. | LEL: 0.8 | UEL: 7.0

Auto-ignition Temperature: N.D.

Extinguishing Media: FOAM / CO2.

Special Fire Fighting Procedures: WATER SPRAY SHOULD BE USED TO COOL FIRE EXPOSED CONTAINERS, AND/OR DISPERSE UNIGNITED VAPORS. USE SUPPLIED-AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES OR AS OTHERWISE NEEDED.

Unusual Fire And Explosion Hazards: NONE.

5 -Section V - Reactivity Data

Stability Unstable : | Conditions to Avoid:
Stable : X | SOURCES OF IGNITION. DO NOT SMOKE WHILE USING.

Incompatibility (Materials to Avoid): STRONG OXIDIZING MATERIAL. CONCENTRATED OXYGEN, LIQUID CHLORINE AND HYPOCHLORITES.

Hazardous Decomposition Products: SMOKE AND POSSIBLE CARBON MONOXIDE IN CASE OF INCOMPLETE COMBUSTION. FUMES.

Hazardous | May Occur: | Conditions to Avoid:
Polymerization | Will Not Occur: X | SOURCES OF IGNITION.

MATERIAL SAFETY DATA SHEET
MSDS for 92-2285 DISPERSANT.

6 -Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN, INHALATION.

Oral Ingestion: PRODUCT HAS A LOW ORDER OF ACUTE ORAL TOXICITY, BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGS DURING INGESTION MAY CAUSE SEVERE PULMONARY INJURY OR DEATH.

Eye Contact: MAY CAUSE IRRITATION.

Skin Contact: PROLONGED OR REPEATED SKIN CONTACT TENDS TO REMOVE SKIN OILS POSSIBLY LEADING TO DERMATITIS AND IRRITATION.

Inhalation: MAY IRRITATE RESPIRATORY TRACT.

Effects of Overexposure: HIGH VAPOR CONCENTRATIONS (GREATER THAN APPROXIMATELY 1000 PPM) ARE IRRITATING TO THE EYES AND RESPIRATORY TRACT MAY CAUSE HEADACHES AND DIZZINESS, ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS

Medical Conditions Generally Aggravated by Exposure: UNKNOWN.

Carcinogenicity: NOT KNOWN TO BE CARCINOGENIC.

Mutagenicity: NOT KNOWN TO MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: DO NOT INDUCE VOMITING. IMMEDIATELY CALL A PHYSICIAN.

Eye: FLUSH WITH CLEAR WATER FOR 15 MINUTES. CALL A PHYSICIAN, IF IRRITATION PERSISTS.

Skin: WASH SKIN WITH SOAP AND WATER. REMOVE ANY CONTAMINATED CLOTHING.

Inhalation: REMOVE FROM EXPOSURE AND CALL A PHYSICIAN IMMEDIATELY. IF BREATHING IS IRREGULAR OR HAS STOPPED, START RESUSCITATION, ADMINISTER OXYGEN IF AVAILABLE.

MATERIAL SAFETY DATA SHEET
MSDS for 92-2285 DISPERSANT.

7 -Section VII - Toxicology Information

Ingredient	Inhalation LC50	Oral LD50(RATS)	Dermal LD50(RABBITS)
PETROLEUM DISTILLATE	N.D.	5 g/KG	2 g/KG

8 -Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:
REMOVE ALL SOURCES OF IGNITION. WIPE UP WITH DRY RAGS OR ABSORBENT MATERIAL.

Disposal Method: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS FOR
COMBUSTIBLE OR (FLAMMABLE) NON-AQUEOUS WASTES.

9 -Section IX - Special Protection Information

Ventilation	Local Exhaust: N.A. Mechanical(General): ADEQUATE.	Special: N.A. Other: N.A.
-------------	---	------------------------------

Respiratory Protection: NORMALLY NOT NEEDED AT AMBIENT TEMPERATURE.

Protective Clothing: CHEMICAL RESISTANT GLOVES, IF NEEDED, TO AVOID PROLONGED
OR REPEATED SKIN CONTACT.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: NONE.

10 -Section X - Special Precautions

Precautions to be taken in Handling and Storing: TREAT AS ANY MODERATELY
FLAMMABLE OR COMBUSTIBLE MATERIAL. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: NONE.

MATERIAL SAFETY DATA SHEET
MSDS for 92-2285 DISPERSANT.

11 -Section XI - Transportation Information

Hazard Class: N.A.
DOT Proper Shipping Name: NOT REGULATED.

12 -Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117,302: THIS PRODUCT DOES NOT CONTAIN ANY REPORTABLE QUANTITY (RQ) SUBSTANCE.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370): THIS PRODUCT CONTAINS MATERIAL THAT MAY REQUIRE REPORTING UNDER 311 AND 312 IF STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT DOES CONTAIN ANY INGREDIENTS ON THE LIST OF TOXIC CHEMICALS.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIALS, THAT ARE LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

13 -Section XIII - Addition Information

TOXICITY INFORMATION: ANIMAL STUDIES HAVE SHOWN THAT KIDNEY EFFECTS CAN OCCUR IN MALE RATS, AFTER PROLONGED AND REPEATED INHALATION EXPOSURES OF MATERIALS SIMILAR TO THIS PRODUCT. THE IMPLICATIONS OF THESE RESULTS FOR HUMAN HAVE NOT YET BEEN DETERMINED.

N.D. = No Data N.A. = Not Applicable

The information herein given in good faith but no warranty, express or implied, is made.