

MATERIAL SAFETY DATA SHEET
MSDS for 4-1235, 4-1237, 4-1239 AUTOMATIC BLANKET WASH.

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

Date Prepared
JULY/05/1990

City, State, Zip Code
CHICAGO ILLINOIS 60648

Prepared By
KENNETH W. PINTER

Product Use: OFFSET PRINTING CLEAN-UP.

Chemical Name, Trade Name, Synonyms: N.A.

HMIS RATING
2* - Health 2 - Flammability 0 - Reactivity B - Personal Protection

2 -Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
PETROLEUM NAPHTHA (ALIPHATIC)	64742-48-9	80-85	500 PPM.	100 PPM.	
PERCHLOROETHYLENE	127-18-4	10-15	50 PPM.	50 PPM.	

3 -Section III - Physical Data

Boiling POINT(F): 250-350 PH: N.A.

Vapor Pressure(mm Hg): CA. 10 Freezing Point(F): N.A.

Vapor Density (AIR = 1): > 1.0 % Volatile By Volume: 100

Specific Gravity (H2O=1): 0.998 Color And Odor: GREEN / GASOLINE

3 -Section III - Physical Data (continued)

Odor Threshold: N.D.

Physical State: LIQUID

Evaporation Rate (Butyl Acetate = 1): SPOT DRY APPROX. 300 SECONDS

Solubility in Water: INSOLUBLE.

4 -Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED):

115 (F) T.C.C.

Flammable Limits:

LEL: 1.0

UEL: 6.0

Auto-ignition Temperature: N.D.

Extinguishing Media: FOAM / CO2 / DRY CHEMICAL.

Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire And Explosion Hazards: POSSIBLE TOXIC COMBUSTION PRODUCTS FROM
THE PERCHLOROETHYLENE.

5 -Section V - Reactivity Data

Stability

Unstable :
Stable : X

Conditions to Avoid: EXPOSURE TO OPEN FLAMES

Incompatibility (Materials to Avoid): CAUSTIC / OXIDIZING MATERIAL.

Hazardous Decomposition Products: TOXIC FUMES OF CHLORIDES AND POSSIBLE
PHOSGENE.

Hazardous
Polymerization

May Occur:
Will Not Occur: X

Conditions to Avoid: EXPOSURE TO OPEN
FLAMES.

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

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

Oral Ingestion: IRRITATION OF GASTRO-INTESTINAL TRACT, INCLUDING NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF LIQUID INTO LUNGS CAN RESULT IN CHEMICAL PNEUMONITIS AND PULMONARY EDEMA.

Eye Contact: CAN CAUSE IRRITATION, REDNESS, TEARING.

Skin Contact: PROLONGED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATING AND DERMATITIS.

Inhalation: CAN CAUSE RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE NAUSEA AND HEADACHE.

Effects of Overexposure: MAY CAUSE NAUSEA, HEADACHE, DIZZINESS, DROWSINESS AND VERTIGO. MAY CAUSE SKIN IRRITATION, MAY CAUSE LIVER AND KIDNEY DAMAGE.

Medical Conditions Generally Aggravated by Exposure: SKIN DISORDER, LIVER AND KIDNEY DAMAGE. INCREASED SENSITIVITY OF THE HEART TO ADRENALIN.

Carcinogenicity: THE NATIONAL CANCER INSTITUTE HAS CONCLUDED FROM THE RESULTS OF A BIOASSAY THAT PERCHLOROETHYLENE IS A LIVER CARCINOGEN WHEN GIVEN ORALLY TO LABORATORY TEST MICE. OVER EXPOSURE TO PERCHLOROETHYLENE HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: LIVER ABNORMALITIES, KIDNEY, LUNGS, BRAIN AND SPLEEN DAMAGE.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

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

Eye: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.

Skin: WASH WITH SOAP AND WATER.

Inhalation: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN.

7 -Section VII - Toxicology Information

Ingredient	Inhalation	Oral	Dermal
	LC50	LD50(RATS)	LD50(RABBITS)
PETROLEUM NAPHTHA	N.D.	N.D.	N.D.
PERCHLOROETHYLENE	N.D.	8850 mg/KG	N.D.

8 -Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:
WIPE UP WITH DRY CLOTH. MATERIAL IS COMBUSTIBLE AND CARE SHOULD BE TAKEN TO
AVOID FIRE. REMOVE ANY POSSIBLE IGNITION SOURCE.
Disposal Method: USE APPROVED DISPOSAL METHOD FOR COMBUSTIBLE FLUIDS
CONTAINING CHLORINATED MATERIAL.

9 -Section IX - Special Protection Information

Ventilation Local Exhaust: SEE SECTION (10) Special: N.A.
Mechanical(General): ACCEPTABLE. Other: N.A.

Respiratory Protection: NONE REQUIRED WHEN USED AS INTENDED.

Protective Clothing: RUBBER GLOVES TO PREVENT SKIN CONTACT.

Eye Protection: NOT NORMALLY NECESSARY.

Other Protective Equipment: ALTHOUGH DIRECT CONTACT WITH THE HANDS SHOULD NOT
OCCUR DURING RECOMMENDED USAGE, IT WOULD BE ADVISABLE TO WEAR RUBBER GLOVES
IF SUCH EXPOSURE IS IMMINENT OR POSSIBLE.

10 -Section X - Special Precautions

Precautions to be taken in Handling and Storing: APPROXIMATELY 20 cu.ft/MINUTE
OF AIR SHOULD BE BROUGHT INTO THE DUPLICATING AREA ROOM EVERY MASTER CLEAN-UP
IF USED IN COMBUSTION WITH AN ELECTROFAX OFFSET MASTER SYSTEM, THE VOLUME OF
AIR SHOULD BE INCREASED TO ABOUT 35 cu.ft/MINUTE.

Other Precautions: N.A.

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11 -Section XI - Transportation Information

Hazard Class: COMBUSTIBLE LIQUID.
DOT Proper Shipping Name: PETROLEUM NAPHTHA SOLUTION. UN 1255

12 -Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117, 302: THIS PRODUCT CONTAINS PERCHLOROETHYLENE A REPORTABLE QUANTITY (RQ) SUBSTANCE AND IF 2.2 POUNDS OF PRODUCT ARE RELEASED THE NATIONAL RESPONSE, WASHINGTON D.C. MUST BE NOTIFIED (1-800-424-8802).

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 MAY REQUIRE REPORTING UNDER 311 & 312 IF STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT CONTAINS PERCHLOROETHYLENE WHICH MAY REQUIRE REPORTING UNDER SECTION 313.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT CONTAINS PERCHLOROETHYLENE CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65 AS CARCINOGEN.

13 -Section XIII - Addition Information

NONE

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

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