

MATERIAL SAFETY DATA SHEET
MSDS for 4-1175 ISOPROPYL ALCOHOL

1 -Section I - Product Identification

Manufacturer's Name | Emergency Phone Number (24 Hours)
A.B.DICK COMPANY | (312) 763-1900

Street Address | Date Prepared
5700 WEST TOUHY AVENUE | MAY/15/1989

City,State,Zip Code | Prepared By
CHICAGO ILLINOIS 60648 | KENNETH W. PINTER

Product Use: OFFSET PRINTING.

Chemical Name, Trade Name, Synonyms: ISOPROPANOL, 2-PROPANOL.

HMIS RATING

2 - Health 3 - Flammability 0 - Reactivity B - Personal Protection

Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
ISOPROPYL ALCOHOL	67-63-0	100	400 PPM.	400 PPM.	

3 -Section III - Physical Data

Boiling POINT(F): 180 | pH: N.A.

Vapor Pressure(mm Hg): 33 | Freezing Point(F): N.A.

Vapor Density (AIR = 1): 2.1 | % Volatile By Volume: 100

Specific Gravity (H2O=1): 0.789 | Color And Odor: COLORLESS / ALCOHOL

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-Section III - Physical Data (continued)

Odor Threshold: 7.5 PPM Physical State: LIQUID.

Evaporation Rate (Butyl Acetate = 1): 1.4

Solubility in Water: COMPLETE.

-Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): 53 (F) T.C.C. Flammable Limits:
LEL: 2.0% UEL: 12.0%

Auto-ignition Temperature: N.D.

Extinguishing Media: WATER FOG / ALCOHOL FOAM / CO2 / DRY CHEMICAL.

Special Fire Fighting Procedures: USE APPROVED RESPIRATORS. WATER MAY BE
EFFECTIVE IN ADVANCED FIRES, BUT CAN BE USED TO KEEP FIRE EXPOSED CONTAINERS
FIREFIGHTERS COOL. WATER WILL DILUTE SMALL SPILLS TO A NON-FLAMMABLE
MIXTURE.

Unusual Fire And Explosion Hazards: LOW FLASH POINT.

-Section V - Reactivity Data

Stability Unstable : Conditions to Avoid: OPEN FLAMES AND ELECTRICAL
Stable : X SPARKS. KEEP CONTAINER CLOSED WHEN NOT IN USE,
DO NOT SMOKE WHILE USING.

Incompatibility (Materials to Avoid): STRONG OXIDIZING MATERIAL.

Hazardous Decomposition Products: POSSIBLY CARBON MONOXIDE AND UNIDENTIFIED
ORGANIC COMPOUNDS.Hazardous Polymerization May Occur: Conditions to Avoid: HEAT, SPARKS AND
Polymerization Will Not Occur: X OPEN FLAME.

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

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

Oral Ingestion: MAY CAUSE MARKED AND PERSISTENT NAUSEA, VOMITING AND ABDOMINAL PAIN. IF VOMITING OCCUR FOLLOWING INGESTION, ASPIRATION OF VOMITUS INTO THE LUNGS CAN CAUSE BROCHOPNEUMONIA OR PULMONARY EDEMA.

Eye Contact: LIQUID OR VAPOR CONTACT CAN CAUSE IRRITATION.

Skin Contact: PROLONGED AND REPEATED CONTACT CAN CAUSE DRYNESS AND IRRITATION.

Inhalation: HIGH CONCENTRATIONS OF VAPORS CAN IRRITATE RESPIRATORY TRACT AND MAY RESULT IN CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION.

Effects of Overexposure: HIGH CONCENTRATION OF VAPOR CAN HEADACHES, DIZZINESS NAUSEA, INCOORDINATION, DROWSINESS AND LOSS OF CONSCIONSNESS.

Medical Conditions Generally Aggravated by Exposure: PREEXISTING SKIN, EYE AND RESPIRATORY DISORDERS.

Carcinogenicity: NOT KNOWN TO BE CARCINOGENIC.PRESENT.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: GIVE NO MORE THAN 2 GLASSES OF WATER AND INDUCE VOMITING BY GIVING 2 TABLE SPOONS SYRUP OF IPECAC. GET MEDICAL ATTENTION IMMEDIATELY.

Eye: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

Skin: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

Inhalation: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.

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10 -Section X - Special Precautions (continued)

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

11 -Section XI - Transportation Information

Hazard Class: FLAMMABLE LIQUID.

DOT Proper Shipping Name: ISOPROPANOL, FLAMMABLE LIQUID.

UN 1219

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 ISOPROPYL ALCOHOL WHICH REQUIRES REPORTING UNDER 311 AND 312 IF STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS THAT ARE 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 MATERIAL, THAT ARE CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

13 -Section XIII - Addition Information

NONE

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

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13 -Section XIII - Addition Information (continued)

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