

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade Name: Taylor-Thermometer Probe Wipe

Manufacturer:

Diamond Wipes International Inc.
4200 East Mission Blvd.
Ontario, California 91761
1800-454-1077
Revision: 00 11/3/09

Synonyms:

Pre-moisture wipes with USP Grade I.P.A. @ 70 %

Chemical Family:

Alcohol

Formula: (F2196)

(CH₃)₂CHO₃ + H₂O (100003)

Generic Name:

Isopropyl Rubbing Alcohol

Molecular Weight:

78.09

II. HAZARDOUS INGREDIENTS

COMPONENT (chemical/ common name/synonym)

HAZARD DATA

	PERCENT	PEL	TWA
Water [CAS 7732-18-5]	</=30.0	N/A	N/A
Isopropyl Alcohol UPS [CAS #67-63-0]	</=70.0	400 ppm	400 ppm

III. PHYSICAL DATA

Boiling Point, 760 mm Hg: 180 F / 82 C

Freezing Point: -5 F / -21 C

Specific Gravity @ 20 C: 0.875
(water = 1)

Solubility in water: Miscible in Water

Vapor Pressure: 23 @ 68 F / 20 C
(mm Hg)

Vapor Density: 2.1
(Butyl Acetate = 1)

Melting Point: N/A
Evaporation Rate: 1.7

Auto Ignition Point: N.A.
Vapor Density: 2.1

Appearance: 70% I.P.A. on Fabric Wipes

Odor: Alcoholic

IV. FIRE AND EXPLOSION DATA

Flash Point (TCC): 71 F / 21.6 C

Auto-flammability: 750 F / 399 C

Flammability: Flammable Liquid and Vapor

LEL
(2% IPA Only)

UEL
(12.7% IPA Only)

OSHA Flammability/Combustible Classification: IB

Extinguishing Media: Water spray, Carbon Dioxide and Dry Chemical. Water may be used to cool containers exposed to fire.

Special Fire Fighting Procedures: Full protective equipment, including pressure demand self contained breathing apparatus should be worn by firefighters and others exposed to combustion by products.

Unusual Fire and Explosion Hazards: Isopropyl Alcohol may release vapors that may ignite at or above flash point.

NFPA 704 Fire Hazard Ratings: Health = 1 Flammability = 3 Reactivity = 0

V. HEALTH HAZARDS

Inhalation	Inhalation of vapors may irritate the respiratory tract. Remove person to fresh air. Exposure to high concentrations has a narcotic effect, producing symptoms of dizziness, drowsiness, headache, staggering and unconsciousness.
Skin Contact	Repeated or prolonged contact may produce irritation, redness, pain and cause skin effects.
Skin Absorption	Flush skin with plenty of water for at least 15 min. Call a physician if irritation develops.
Ingestion	Give large amounts of water. Never give anything by mouth to an unconscious person. Get medical attention. Can cause drowsiness, unconsciousness, and death.
Eye Contact	Flush eyes with plenty of water for at least 15 min., lifting lower and upper eyelids. Get medical attention.
Health Hazard	Acute: The single lethal dose by ingestion for a human adult is 250 cc (8oz.) Chronic: Chronic over exposure may cause skin effects.
Notes to Physician	No special procedures recommended

VI. REACTIVITY DATA

Stability: stable	Conditions to Avoid: Heat, sources of ignition, incompatible materials, sunlight above 65 F.	
Materials to Avoid:	Strong oxidizers, acetaldehyde, acids, chlorine, ethylene oxide, hydrogen-palladium combination, hydrogen peroxide-sulfuric acid combination, potassium tert-butoxide, hypochlorous acid, isocyanates, nitroform, phosgene, aluminum, oleum and perchloric acid.	
Polymerization:	Will not occur.	Hazardous Decomposition Products: combustion generates carbon dioxide and carbon monoxide.

VII. CONTROL AND PROTECTIVE MEASURES HANDING & STORAGE

Use the correct protective clothing and eyewear. Store away from flames & sources of heat, store in a tightly closed container. Store in a cool, dry, well ventilated area away from incompatible substances and protect against physical damage. Store in accordance with OSHA as a flammable substance. Class 1B

VIII. TRANSPORT DATA

U.S. DEPARTMENT OF TRANSPORTATION:

DOT PSN Code: HWY
DOT Proper Shipping Name: ISOPANOL OR ISOPROPYL ALCOHOL
DOT CLASS: 3
DOT ID Number: UN 1219
DOT Pack Group: II
DOT Label: FLAMMABLE SOLID

IX. SPECIAL PROTECTION INFORMATION

Avoid contact with eyes, do not swallow or ingest. If swallowed, get medical help.

X. REGULATORY INFORMATION

US Federal:
TSCA
CAS #67-63-0 is listed on the TSCA inventory.
CAS #7732-18-5 is listed on the TSCA inventory.