

Material Safety Data Sheet

FINISHING WIPE

SECTION - 1

Manufacturer's Name: **PNI Worldwide**
Address: **5008 W Linebaugh Ave Ste 33**
City, State, and Zip: **Tampa, FL 33624**
Emergency Number: **(800)255-3924**
Other Calls: **(813)931-3377**

SECTION - 2 PRODUCT INGREDIENTS

COMPOSITION	CAS #	PERCENT
ANHYDROUS ISOPROPYL ALCOHOL	67-63-0	80%
MILK, DISTILLED WATER, FRAGRANCE, D&C YELLOW		

ACUTE ORAL LD50	ACUTE DERMAL LD50	ACUTE INHALATION LC50
5800 MG/KG (RAT)	13000 MG/KG (RABBIT)	12000 PPM (RAT) 8 HRS

SECTION - 3 PHYSICAL INFORMATION

BOILING POINT	180 DEG F
SPECIFIC GRAVITY	0.79
VAPOR PRESSURE	33 @ 69 DEG F
VAPOR DENSITY	2.1
SOLUBILITY IN WATER	COMPLETE
APPEARANCE AND ODOR	COLORLESS, MOBILE LIQUID, MILD ODOR
MELTING POINT	-127 DEG F
EVAPORATION RATE	1.4

SECTION - 4 FIRE & EXPLOSION DATA

FLASH POINT	53 DEG F
METHOD USED	-TCC
FLAMMABLE LIMITS	UPPER: 12 LOWER: 2
EXTINGUISHER MEDIA	USE WATER FOG, ALCOHOL FOAM, DRY CHEMICAL OR CO2
SPECIAL FIRE FIGHTING PROCEDURES	FLAMMABLE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS.) INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.
UNUSUAL FIRE AND EXPLOSION HAZARDS	CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

SECTION - 5 HEALTH HAZARD DATA

THE HEALTH EFFECTS NOTED BELOW ARE CONSISTENT WITH REQUIREMENTS UNDER THE OSHA HAZARD COMMUNICATION STANDARD

EYE CONTACT
SKIN CONTACT
INHALATION

MODERATELY IRRITATING TO THE EYES
MILDLY IRRITATING TO THE EYES
MAY CAUSE MILD IRRITATION TO THE NOSE,
THROAT, AND RESPIRATORY TRACT AND MAY
RESULT IN CENTRAL NERVOUS SYSTEM (CNS)
DEPRESSION.

INGESTION

GENERALLY CONSIDERED TO HAVE A LOW
ORDER OF ACUTE ORAL TOXICITY.
IRRITATION AS NOTED ABOVE. EARLY TO
MODERATE CNS DEPRESSION MAY BE EVIDENCED
BY GIDDINESS, HEADACHE, DIZZINESS, AND
NAUSEA.

SIGNS AND SYMPTOMS

PREEXISTING SKIN, EYE AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE
TO IPA.

AGGRAVATED MEDICAL CONDITIONS

SECTION - 6 REACTIVITY DATA

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: AVOID HEAT, SPARKS, FLAME AND CONTACT WITH STRONG OXIDIZING
AGENTS. DO NOT STORE OR HANDLE IN ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120 DEG F.
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND UNIDENTIFIED ORGANIC
COMPOUNDS MAY BE FORMED DURING COMBUSTION.

SECTION - 7 SPILL OR LEAK PROCEDURES

WARNING: FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE
GROUNDED TO PREVENT SPARKING ***LARGE SPILLS***EVACUATE THE HAZARD AREA OF
UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF
SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. IF VAPOR CLOUD FORMS, WATER FOG
MAY BE USED TO SUPPRESS; CONTAIN RUN-OFF. REMOVE WITH VACUUM TRUCKS OR PUMP TO
STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR
OTHER SUITABLE MATERIAL. PLACE IN NON LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH
AREA WITH WATER TO REMOVE TRACE RESIDUE; DISPOSE OF FLUSH SOLUTIONS AS ABOVE.
: SMALL SPILLS TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON LEAKING
CONTAINERS: SEAL TIGHTLY FOR PROPER DISPOSAL.

SECTION - 8 PROTECTION AND PRECAUTIONS

KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS AND FLAME. SURFACES THAT ARE
SUFFICIENTLY HOT MAY IGNITE EVEN LIQUID PRODUCT IN THE ABSENCE OF SPARKS OR FLAME.
EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF OTHER SOURCES OF IGNITION PRIOR TO USE
UNTIL ALL VAPORS ARE GONE.

VAPOR MAY ACCUMULATE AND TRAVEL TO IGNITION SOURCES DISTANT FROM THE HANDLING
SITE. FLASH-FIRE CAN RESULT. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE
VENTILATION. CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, CAN CONTAIN EXPLOSIVE
VAPORS. DO NOT CUT, DRILL, GRIND, WELD OR FIRE HAZARD. GROUND FIXED EQUIPMENT. BOND
AND GROUND TRANSFER CONTAINERS AND EQUIPMENT.

WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

DO NOT STORE OR HANDLE IN ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120 DEG F.

SECTION - 9 TRANSPORTATION REQUIREMENTS

DEPARTMENT OF TRANSPORTATION CLASSIFICATION	FLAMMABLE LIQUID
DOT PROPER SHIPPING NAME	ISOPROPANOL
DOT HLR REQUIREMENTS	DOT ID # = UN 1219 -- GUIDE SHEET 26

SECTION - 10 OTHER REGULATORY CONTROLS

THIS PRODUCT IS LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. IN ACCORDANCE WITH SARA TITLE III, SECTION 313, THE EDS SHOULD ALWAYS BE COPIED AND SENT WITH THE MSDS.

SECTION - 11 SPECIAL NOTES

CHANGES FROM PREVIOUS REVISION: 1. ACUTE HEALTH HAZARD RATING HAS BEEN CHANGED FROM A 3 TO A 2 TO MORE CLOSELY REPRESENT THE ACUTE HEALTH HAZARD OF THIS MATERIAL. 2. OSHA PEL/STEL. THE OCCUPATIONAL EXPOSURE LIMITS (SECTION IV) AND/OR THE RESPIRATORY PROTECTION PRECAUTIONS (SECTION X) HAVE BEEN REVISED.

SECTION - 12 OCCUPATIONAL EXPOSURE LIMITS

NO.	PEL/TWA	PEL/CEILING	TLV/TWA	TLV/STEL	OTHER
1	400 PPM		400 PPM	500 PPM	500 PPM

50% LOR RECOGNITION THRESHOLD IS 7.5 PPM. OSHA PEL/STEL

SECTION - 13 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN CONTACT	FLUSH SKIN WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.
INHALATION	REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.
INGESTION	DO NOT GIVE LIQUIDS IF VICTIM IS UNCONSCIOUS OR VERY DROWSY. OTHERWISE GIVE NO MORE THAN 2 GLASSES OF WATER AND INDUCE VOMITIN BY GIVING 30CC (2 TABLESPOONS) SYRUP OF IPECAC. IF IPECAC IS UNAVAILABLE, GIVE 2 GLASSES OF WATER AND INDUCE VOMITING BY TOUCHING FINGER TO BACK OF VICIMS THROAT. KEEP VICTIMS HEAD BELOW HIPS WHILE VOMITING. GET MEDICAL ATTENTIN.
NOT TO PHYSICIAN	IF VICTIM IS A CHILD, GIVE NO MORE THAN 1 GLASS OF WTER AND 15CC (1 TABLESPOON) SYRUP OF IPECAC. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS OR UNCONSCIOUSNESS OCCUR BEFORE EMISIS, GASTRIC LAVAGE SHOULD BE CONSIDERED FOLLOWING INTUBATION WITH A CUFFED ENDOTRACHEAL TUBE.

SECTION - 14 EMPLOYEE PROTECTION

RESPIRATORY PROTECTION

IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SEC. IV) USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPOR

OSHA HAS ESTABLISHED TRANSITIONAL OCCUPATIONAL EXPOSURE LIMITS FOR THIS PRODUCT AND/OR COMPONENTS OF THIS PRODUCT. REFER TO 29 CFR 1910.1000 FOR THESE TRANSITIONAL LIMITS AND REQUIREMENTS FOR MEETING THESE LIMITS.

PROTECTIVE CLOTHING

AVOID CONTACT WITH EYES. WEAR CHEMICAL GOGGLES IF THERE IS LIKELIHOOD OF CONTACT WITH EYES. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR CHEMICAL-RESISTANT GLOVES AND CLOTHING MANUFACTURERS INDICATE THE BEST PROTECTION IS PROVIDED BY NITRILE, NEOPRENE AND NATURAL RUBBER GLOVES.

ADDITIONAL PROTECTIVE MEASURES

USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS. EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR EMERGENCY USE.

DATE: February 6, 2002