

**MATERIAL SAFETY DATA SHEET**

**PRODUCT INFORMATION**

Product Name: J - 36  
General/Generic Name: ISOPROPYL ALCOHOL  
Product Use: SOLVENT  
TDG Hazard Classification: ISOPROPANOL, CLASS 3.2 UN 1219, PACKING GROUP II B2, D2B  
WHMIS Classification: D, 2B  
Vendor Name & Address: HOOD CHEMICAL  
295 ALLIANCE ROAD #14  
MILTON ON L9T 4W8  
TEL: 905-876-0707

**HAZARDOUS INGREDIENTS**

Ingredient:	% W/W	TLV	CAS. NO.	LD50	LC50
ISOPROPANOL	100	NA	67-63-0	4720.0 mg/kg	10000.0 ppm

**PHYSICAL DATA**

Physical Status: LIQUID  
Appearance & Odour: CLEAR LIQUID, SOLVENT ODOUR  
Odour Threshold: NE  
Specific Gravity: 0.79 @ 20 C  
Vapour Pressure: 97 MMHG 20 C  
Vapour Density: HEAVIER THAN AIR  
pH: NE  
Evaporation Rate: SLOWER THAN ETHER  
Initial Boiling Point: 64.4 C @ 760 MMHG  
Water Solubility: MISCIBLE WITH WATER  
Freezing Point: NE  
% Volatile (By Weight) 100%

**FIRE OR EXPLOSION HAZARD**

Flash Point: CLOSED CUP 12 C  
Flammability Limits: LFL. 6.0 % UFL; 36.5%  
Auto-Ignition Temp.: ND  
Extinguishing Media: FOAM, WATER FOG, DRY CHEMICAL, CO2  
Special Firefighting Procedure: WEAR-SELF CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE.  
Explosion Data: VAPOURS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED BY ANY IGNITION SOURCE  
Hazardous Combustion Products: ND

**REACTIVITY DATA**

Stability: STABLE  
Incompatibility: AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG AKALIES AND STRONG MINERAL ACIDS  
Hazardous Decomposition Products: MAY FORM TOXIC MATERIALS – C02, 00  
Hazardous Polymerization: CANNOT OCCUR  
Conditions to Avoid: POTENTIAL SOURCES OF COMBUSTION

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**TOXICOLOGICAL PROPERTIES**


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Threshold Limit Value:	SEE HAZARDOUS INGREDIENT SECTION
Effects of Acute Exposure:	
Skin Contact:	EXPOSURE CAN CAUSE SEVERE IRRITATION, DEFATTING, AND DERMATITIS
Skin Absorption:	CAN BE ABSORBED IN TOXIC AMOUNTS
Eye Contact:	CAN CAUSE IRRITATION
Inhalation:	EXCESSIVE INHALATION OF VAPOURS CAN CAUSE NASAL AND RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS
Ingestion:	MAY CAUSE G.I. TRACT IRRITATION, NAUSEA, VOMITING, DIARRHEA, BLINDNESS AND DEATH.
Effect of Chronic Exposure:	POSSIBLY A CAUSE OF EYE DAMAGE
Irritancy of Product:	SKIN AND EYE IRRITANT
Carcinogenicity:	ND
Sensitization to Material:	ND
Reproduction Toxicity:	ND
Teratogenicity:	ND
Mutagenicity:	NC

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**SPILL OR LEAK PROCEDURES**


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Steps To Be Taken In Case Material Is Released or Spilled:	
SMALL SPILL:	ABSORB ONTO INERT MATERIAL AND TRANSFER TO HOOD
LARGE SPILL:	ELIMINATE ALL IGNITION SOURCES. STOP SPILL AT SOURCE
Waste Disposal Information:	DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REGULATIONS.

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**PREVENTIVE MEASURES**


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PROTECTIVE EQUIPMENT TO BE USED:	
Respiratory Protection:	IF WORKPLACE XPOSURE LIMIT IS EXCEEDED A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED.
Ventilation:	PROVIDE SUFFICIENT VENTILATION TO MAINTAIN EXPOSURE BELOW TLV (s)
Protective Gloves:	WEAR RESISTANT GLOVES
Eye Protection:	CHEMICAL SPLASH GOGGLES ARE ADVISED.
Other Protective Measures:	WEAR IMPERVIOUS CLOTHING AND BOOTS.

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**FIRST AID MEASURES**


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Skin Contact:	WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.
Eye Contact:	RINSE EYES WITH PLENTY OF WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY.
Inhalation:	REMOVE TO FRESH AIR IF EFFECTS OCCUR.
Ingestion:	DO NOT INDUCE VOMITING. DRINK PLENTY OF WATER OR MILK. CONSULT PHYSICIAN.

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**PREPARATION INFORMATION**


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Date Revised:	JANUARY 2016
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