

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health- 1 Flammability- 3 Reactivity- 0 Special-	HMIS Rating: Health- 2 Flammability- 3 Reactivity- 0 Personal Protection-
Supplier Name: WEICHEM INC. Address: 5734 Susitna Drive Harahan, LA 70123	IDENTITY (Trade name as used on label): ISOPROPANOL PROPER SHIPPING NAME: ISOPROPANOL,3, UN 1219, PG II
Date Prepared: 05/13/02 Prepared By: CHARITO KUYLEN	MSDS Number: RM3IPAA Revision: 05/13/02
Information Calls: (504) 733-1152 EMERGENCY RESPONSE NUMBER: 1-800-535-5053	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA 313 % WT	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ISOPROPANOL	67-63-0	NO	400	400	D

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: ~180°F	Specific Gravity (H2O=1): 0.787
Vapor Pressure PSIG 70 DEG. F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): 33 @ 20°C
Vapor Density (Air = 1): 2.1	Evaporation Rate: (H2O=1): >1
Solubility in Water: COMPLETE	Water Reactive: NO
Appearance and Odor: CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC ODOR. Ph: N/A	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flammability as per CPSC Flame Extension Test (aerosols): FLAMMABLE LIQUID	Auto Ignition Temperature N/A	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A
Flash Point And Method Used: 56°F (TCC)	Extinguisher Media: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER Special Fire Fighting Procedures: SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL FIRE-EXPOSED CONTAINERS TO PREVENT RUPTURING.	
Unusual Fire & Explosion Hazards: HIGHLY FLAMMABLE! VAPORS CAN CAUSE FLASH FIRES.		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): STRONG OXIDIZERS	Conditions to Avoid: OXIDIZERS, HEAT, SPARKS, ELECTRICAL EQUIPMENT, OPEN FLAMES.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS	
Inhalation: ANESTHETIC, CAUSES NASAL & RESPIRATORY TRACT IRRITATION, NERVOUS SYSTEM DEPRESSION	
Eye Contact: IRRITATION, REDNESS, TEARING, BLURRED VISION.	Skin Contact: IRRITATION, DEFATTING, DERMATITIS
Ingestion: CAN CAUSE ABDOMINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.	
CHRONIC EFFECTS	
Medical Conditions Generally Aggravated by Exposure: EXISTING EYE, SKIN OR UPPER RESPIRATORY CONDITIONS.	
EMERGENCY FIRST AID PROCEDURES	
Eye Contact: FLUSH EYES WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION.	
Skin Contact: WASH WITH SOAP AND WATER. IF IRRITATED, SEEK MEDICAL ATTENTION.	
Inhalation: REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY. GET MEDICAL ATTENTION.	
Ingestion: INDUCE VOMITING. DRINK TWO LARGE GLASSES OF WATER. GET IMMEDIATE MEDICAL ATTENTION.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): USE NIOSH APPROVED POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS.	
Protective Gloves: CHEMICAL RESISTANT	Eye Protection: SAFETY GLASSES/GOGGLES
Ventilation Requirements: LOCAL EXHAUST TO KEEP TLV BELOW ACCEPTABLE LIMIT. KEEP VAPORS BELOW 100 PPM	
Other Protective Clothing & Equipment: GOGGLES, FACE SHIELD, APRON,BOOTS, USE EXPLOSION-PROOF EQUIPMENT.	
Hygienic Work Practices: WASH WITH SOAP AND WATER BEFORE HANDLING FOOD	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: CONTAIN SPILL AND ABSORB WITH SUITABLE MEDIUM.
Waste Disposal Methods: DISPOSE OF ACCORDING TO LOCAL, STATE, OR FEDERAL REGULATIONS.
Precautions To Be Taken In Handling & Storage: STORE IN COOL, DRY AREA, AWAY FROM SPARKS, FLAME AND OTHER SOURCES OF IGNITION. DO NOT STORE ABOVE 120°F. STORE LARGE AMOUNTS IN STRUCTURES MADE FOR OSHA CLASS IB LIQUIDS. AVOID FREE FALL OF LIQUID.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. READ AND FOLLOW LABEL DIRECTIONS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. DO NOT CUT, SAW, DRILL, BRAZE, OR WET. GROUND CONTAINERS WHEN TRANSFERRING.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.
** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

N/A = NOT AVAILABLE

N/D = NOT DETERMINED