

# SAFETY DATA SHEET

CONTINENTAL CHEMICAL CO.  
4920 E. WASHINGTON BLVD.  
COMMERCE CA. 90040

DATE: September 30, 2024  
EMERGENCY PHONE  
TRANSPORTATION: CHEMTREC: 800-424-9300  
NON-TRANSPORTATION: HJB INC: 323-268-1288

---

## SECTION I GENERAL INFORMATION

---

PRODUCT NAME: **ISOPROPYL ALCOHOL, 70%**

**MANUFACTURER:** CONTINENTAL CHEMICAL  
**HMIS: 130 J**

---

## SECTION II- HAZARDS IDENTIFICATION

---

### CLASSIFICATION

GHS CLASSIFICATION: SKIN CORROSION (CATEGORY 1A)  
SERIOUS EYE DAMAGE (CATEGORY 1)  
ACUTE AQUATIC TOXICITY (CATEGORY 3)

### GHS LABEL ELEMENTS



PICTOGRAM:

SIGNAL WORD:

HAZARD STATEMENT:

PRECAUTIONARY STATEMENTS:

FLAMMABLE

H314: CAUSES SEVERE EYE DAMAGE

H402: NOT HARMFUL TO AQUATIC LIFE

P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.  
P303/P361/P353: **IF ON SKIN OR HAIR:** REMOVE ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER

P305/P351/P338: **IF IN EYES:** RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES. CONTINUE RINSING.

P313: GET MEDICAL ATTENTION.

HMIS CLASSIFICATION:

HEALTH HAZARD: 1

FLAMMABILITY: 3

PHYSICAL HAZARDS: 0

NFPA RATING:

HEALTH HAZARD: 1

FIRE: 3

REACTIVITY HAZARD: 0

**POTENTIAL HEALTH EFFECTS**

INHALATION: MAY BE HARMFUL IF INHALED. MATERIAL IS EXTREMELY DESTRUCTIVE TO THE TISSUE OF THE MUCOUS MEMBRANE AND UPPER RESPIRATORY TRACT.

SKIN: MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CAUSE SEVERE SKIN BURNS.

EYES: CAUSE SEVERE EYE BURNS.

INGESTION: TOXIC IF SWALLOWED. DO NOT INGEST.

---

**SECTION III CHEMICAL COMPOSITION**

---

COMPONENT	CAS#	CONCENTRATION
ISOPROPYL ALCOHOL	67-63-0	70%

---

**SECTION IV FIRST AID MEASURES**

---

IF INHALED: IF INHALED, MOVE PERSON INTO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN.

SKIN CONTACT: TAKE OFF CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN.

EYE CONTACT: FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CONSULT A PHYSICIAN.

IF INGESTED: **DO NOT** INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. RINSE MOUTH WITH WATER. CONSULT A PHYSICIAN.

---

**SECTION V FIREFIGHTING MEASURES**

---

FLAMMABILITY OVERVIEW: CONSIDERED A FLAMMABLE SOLVENT SOLUTION.

FLASH POINT: 15°C ASTM D-56

EXTINGUISHING MEDIA: USE WATER-SPRAY, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

SPECIAL PROTECTIVE EQUIPMENT: WEAR A SELF-CONTAINED BREATHING APPARATUS (SCBA) FOR FIREFIGHTING, IF NECESSARY.

HAZARDOUS COMBUSTION PRODUCTS: HAZARDOUS DECOMPOSITION PRODUCTS UNDER FIRE CONDITION: OXIDES OF CARBON, SMOKE, FUMES.

---

**SECTION VI ACCIDENTAL RELEASE MEASURES**

---

PERSONAL PRECAUTIONS: USE PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS, MIST OR GAS. ALWAYS ENSURE ADEQUATE VENTILATION. EVACUATE PERSONNEL TO SAFE AREAS.

ENVIRONMENTAL PRECAUTIONS: PREVENT FURTHER LEAKAGE OR SPILLIAGE. PREVENT FROM ENTERING DRAINS AND WATERWAYS. DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.

CONTAINMENT AND CLEAN UP: SOAK UP WITH INERT ABSORBENT MATERIAL AND DISPOSE OF AS HAZARDOUS WASTE. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.

---

## SECTION VII HANDLING AND STORAGE

---

SAFE HANDLING: USE PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS, MIST OR GAS. ALWAYS ENSURE ADEQUATE VENTILATION.

SAFE STORAGE: KEEP CONTAINERS TIGHTLY CLOSE IN A DRY WELL VENTILATED PLACE. CONTAINERS WHICH ARE OPENED MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE. STORE AWAY FROM INCOMPATIBLE MATERIALS.

---

## SECTION VIII EXPOSURE CONTROLS/ PERSONAL PROTECTION

---

### EXPOSURE LIMITS

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>EXPOSURE LIMIT</u>	<u>BASIS</u>
ISOPROPYL ALCOHOL	67-63-0	400 mg/m <sup>3</sup> 980 mg/m <sup>3</sup> 200 mg/m <sup>3</sup>	ACGIH-TLV OSHA TABLE Z-1 NIOSH EXPOSURE LIMITS

### PERSONAL PROTECTIVE EQUIPMENT

EYE PROTECTION: WEAR TIGHTLY FITTING SAFETY GOGGLES AND FACE SHIELD. USE EQUIPMENT FOR EYE PROTECTION TESTED AND APPROVED UNDER NIOSH. HAVE EYE-WASH STATIONS AVAILABLE WHERE EYE CONTACT CAN OCCUR.

HAND PROTECTION: HANDLE WITH CHEMICAL-RESISTANT GLOVES. GLOVES MUST BE INSPECTED PRIOR TO USE. DISPOSE OF CONTAMINATED GLOVES. WASH AND DRY HANDS AFTER USE.

SKIN PROTECTION: WEAR COMPLETE SUIT PROTECTION AGAINST CHEMICALS, INCLUDING CHEMICAL-RESISTANT BOOTS. SAFETY SHOWERS SHOULD BE LOCATED IN THE WORK AREA WHERE SKIN CONTACT CAN OCCUR.

RESPIRATORY PROTECTION: WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE, USE A NIOSH-APPROVED FULL FACE RESPIRATOR WITH APPROPRIATE CARTRIDGES. RESPIRATORY PROTECTION MUST BE PROVIDED IN ACCORDANCE WITH OSHA 29 CFR 1910.134.

GENERAL CONTROLS: ALWAYS ENSURE ADEQUATE VENTILATION AND THAT WORKING AREAS CONTAINS SAFETY SHOWERS AND EYE WASH STATIONS. HANDLE MATERIAL IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.

---

## SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

---

PHYSICAL STATE:	LIQUID
COLOR:	CLEAR
ODOR:	ALCOHOL
pH (as is):	NOT DETERMINE
VAPOR PRESSURE:	4.1 KPa @ 20°C
BOILING POINT:	83 – 85°C
VAPOR DENSITY (air = 1):	> 1
SPECIFIC GRAVITY:	0.793 – 0.803 @ 25°C
SOLUBILITY IN WATER:	COMPLETE

---

## SECTION X STABILITY AND REACTIVITY

---

CHEMICAL STABILITY:	STABLE UNDER RECOMMENDED STORAGE CONDITIONS.
MATERIALS TO AVOID:	AVOID HEAT, SPARKS, OPEN FLAMES OXIDIZING AGENTS, CAUSTICS, CHLORINATED COMPOUNDS.
HAZARDOUS DECOMPOSITION:	NONE

---

## SECTION XI TOXICOLOGICAL INFORMATION

---

### ACUTE TOXICITY

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>TEST</u>	<u>TOXICITY</u>
ISOPROPYL ALCOHOL	67-63-0	ORAL LD50 (Rat) SKIN-DRAIZE (Rabbit) INHALATION LC50	5840 mg/Kg 13900 mg (24 hr) 25000 mg/m <sup>3</sup>

### POTENTIAL HEALTH EFFECTS

INHALATION:	MAY BE HARMFUL IF INHALED. MATERIAL IS EXTREMELY DESTRUCTIVE TO THE TISSUE OF THE MUCOUS MEMBRANE AND UPPER RESPIRATORY TRACT.
SKIN:	MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CAUSES SKIN BURNS.
EYES:	CAUSES SEVERE EYE BURNS.
INGESTION:	TOXIC IF SWALLOWED. DO NOT INGEST.
SYMPTOMS OF EXPOSURE:	BURNING SENSATION, NAUSEA, COUGH, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, SPASM, INFLAMMATION, AND EDEMA OF THE LARYNX. SPASM, INFLAMMATION, AND EDEMA OF THE BRONCHI, PNEUMONITIS, PULMONARY EDEMA, HEADACHE.
CHRONIC EFFECTS OF EXPOSURE:	NO DATA AVAILABLE
CARCINOGENICITY:	NO COMPONENTS OF THIS PRODUCT AT LEVELS GREATER THAN 0.1% IS IDENTIFIED AS CARCINOGENIC BY IARC, ACGIH, OR OSHA.

---

## SECTION XII ECOLOGICAL INFORMATION

---

### ACUTE ECOTOXICITY

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>ORGANISM</u>	<u>ECOTOXICITY</u>
ISOPROPYL ALCOHOL	67-63-0	NONE	NONE

### ECOLOGICAL EFFECTS

PERSISTENCE AND DEGRADABILITY: NO DATA AVAILABLE  
BIOACCUMULATION POTENTIAL: NOT EXPECTED TO BIO-ACCUMULATE  
MOBILITY IN SOIL: NO DATA AVAILABLE  
OTHER ADVERSE EFFECTS: NONE

---

## SECTION XIII DISPOSAL

---

DISPOSAL: SURPLUS AND NON-RECYCLABLE MATERIAL SHOULD BE TREATED AS HAZARDOUS WASTE AND BE DISPOSED OF BY A LICENSED DISPOSAL COMPANY. DO NOT RELEASE INTO SEWERS OR WATERWAYS.

CONTAMINATED PACKAGING: DISPOSE OF AS UNUSED PRODUCT.

---

## SECTION XIV TRANSPORTATION

---

**PRODUCT NAME:** ISOPROPYL ALCOHOL, 70%  
**PROPER SHIPPING NAME:** ISOPROPANOL  
**ID NUMBER:** UN 1219  
**HAZARD CLASS OR DIVISION:** 3  
**PACKING GROUP:** II  
**DOT HAZARDOUS SUBSTANCE:** ISOPROPANOL

---

## SECTION XV REGULATORY INFORMATION

---

### US FEDERAL

SARA 302 COMPONENTS: NONE LISTED  
SARA 311/312 HAZARDS: ACUTE HEALTH HAZARD  
SARA 313 COMPONENTS: NONE LISTED  
TSCA INVENTORY: ISOPROPYL ALCOHOL (CAS 67-63-0)

### EUROPEAN UNION

EC INVENTORY: ISOPROPYL ALCOHOL

### STATE REGULATIONS

CA PROP 65: NONE LISTED

---

## SECTION XVI OTHER INFORMATION

---

SDS VERSION: 1.0  
REVISION DATE: 04/04/2015  
SUPERSEDES: NEW TO GHS

---

THE MANUFACTURER BASED ON ITS OWN DATA AND THE WORK OF OTHERS HAS ASSEMBLED THE INFORMATION IN THIS DATA SHEET. THE MANUFACTURER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, OR ADEQUACY OF THE INFORMATION CONTAINED HEREIN. THE MANUFACTURER SHALL NOT BE LIABLE (REGARDLESS OF FAULT) TO VENDEE, THE VENDEE'S EMPLOYEES, OR ANYONE FOR ANY DIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE ACCURACY, COMPLETENESS, ADEQUACY, OR FURNISHING OF SUCH INFORMATION.

---