



SECTION 1 – IDENTIFICATION

NAME / CODE: IPA 70% / 1011XX

USE: Ready to use no-rinse alcohol based sanitizer.

MANUFACTURER: B.O.D. CHEMICALS INC.
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SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS: Flammable liquid, category 2

HEALTH HAZARDS: Serious eye damage / Eye irritation, category 2A
Specific target organ toxicity - single exposure, category 2B, (Narcotic effects)

ENVIRONMENTAL HAZARDS: Not available

GHS LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD: DANGER

HAZARD STATEMENTS: Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS

PREVENTION: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash skin thoroughly after handling. Do not breathing vapors. Use only outdoors or in a well-ventilated area.

RESPONSE: **In case of fire:** Use water spray, carbon dioxide, dry chemical or alcohol foam for extinction. **If on skin (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. **If in eyes:** Rinse immediately and cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing, keeping eyelids open. If eye irritation persists: Get medical advice/attention. **If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

STORAGE / DISPOSAL: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local regulations (see 13th section).

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS	% (W/W)
Isopropyl alcohol	000067-63-0	60 - 100

SECTION 4 – FIRST AID MEASURES

SKIN: Remove contaminated clothing. Rinse skin with water. Consult a physician if irritation persists.

EYES: Rinse cautiously with water for 10-15 minutes, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a physician if irritation persists.

INGESTION: Rinse mouth. Do not induce vomiting. Drink 3 to 4 glasses of water. Do not give anything by mouth if victim is unconscious. Consult a physician if irritation occurs.

INHALATION: Breathe fresh air. Give artificial respiration if necessary. Consult a physician if discomforts persist.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED: Skin: Irritation, redness. Eyes: Causes serious eye irritation. Symptoms may include tingling, watery eyes, redness, swelling and blurred vision. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

TO PHYSICIAN: Treat symptoms.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, carbon dioxide, chemical powder, foam.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

SPECIFIC HAZARDS OF THE HAZARDOUS PRODUCT: The product is flammable. In case of fire, toxic fumes are emitted. The product does not burn itself but can decompose during heating to produce carbon monoxide and dioxide and toxic fumes. decompose upon heating to produce corrosive and/or toxic fumes. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.

SPECIAL FIRE FIGHTING PROCEDURES: Wear protective clothing and self-contained breathing apparatus if necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Ventilate enclosed areas. Avoid contact of the product with eyes and skin. Do not breathe vapours. Wear gloves, safety goggles and respirator if needed. Prevent discharge in sewers. Keep away from incompatible materials.

ENVIRONMENTAL PRECAUTIONS: Avoid the spillage or runoff entering drains, sewers or watercourses.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Wear protective clothing. Control spill to prevent runoff into sewers. Cover with inert absorbent material and recover in suitable containers. Sweep and rinse with water.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid contact of the product with eyes and skin. No smoking. Do not breathe vapours. Use only with adequate ventilation. Wash skin thoroughly after handling.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Keep containers closed, in fresh, dry and well ventilated area, away from incompatible materials. Ventilate enclosed areas.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS	VALUE	REGULATION
Isopropyl alcohol	67-63-0	TWA: 200 mg/m ³	ACGIH-TLV

APPROPRIATE ENGINEERING CONTROL: Good ventilation

PERSONAL PROTECTIVE EQUIPMENT



SKIN: Protective clothing. Impermeable gloves.

EYES:	Safety goggles.
RESPIRATORY:	If ventilation is inadequate, suitable respiratory protection must be worn.
HYGIENE MEASURES:	Wash hands after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / FORM:	Clear liquid
COLOR:	Colorless
ODOR:	Alcohol
ODOR THRESHOLD:	Not available
pH:	Not available
MELTING POINT / FREEZING POINT (°C):	Not available
BOILING POINT (°C):	Not available
FLASH POINT (°C):	Not available
EVAPORATION RATE:	Not available
EXPLOSIVE LIMITS (%):	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
DENSITY (kg/L):	0.85 - 0.87
WATER SOLUBILITY:	Complete
PARTITION COEFFICIENT / N-OCTANOL/WATER:	Not available
AUTOIGNITION TEMPERATURE (°C):	Not available
DECOMPOSITION TEMPERATURE (°C):	Not available

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:	No dangerous reaction known under conditions of normal use.
STABLE:	Stable at normal ambient temperatures and when used as recommended.
HAZARDOUS REACTIONS:	Hazardous polymerisation does not occur.
CONDITIONS TO AVOID:	Contact with incompatible materials.
INCOMPATIBILITY:	Heat, sparks, flames, strong oxidizers, strong oxidizing agents, metals, acids,alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

SKIN:	No known significant effects or critical hazards.
EYES:	Causes serious eye irritation.
INHALATION:	Can cause central nervous system (CNS) depression. May cause drowsiness or

dizziness.

INGESTION:

Can cause central nervous system (CNS) depression.

NUMERIC VALUES OF TOXICITY

ACUTE ORAL TOXICITY:

LD50 (rat): 6982 mg/kg. No health effects (normal conditions of use).

ACUTE DERMAL TOXICITY:

Not available. No health effects (normal conditions of use).

ACUTE INHALATION TOXICITY:

Not available. No health effects (normal conditions of use).

DELAYED AND IMMEDIATE EFFECTS

SKIN CORROSION / IRRITATION:

No known significant effects or critical hazards.

SERIOUS EYE DAMAGE / EYE IRRITATION:

Causes serious eye irritation.

RESPIRATORY SENSITIZATION:

Not expected to cause respiratory sensitization.

SKIN SENSITIZATION:

Not expected to cause skin sensitization.

GERMINAL CELL MUTAGENICITY:

No data available to indicate product or components present at greater than 0.1% are mutagenic or genotoxic.

CARCINOGENICITY:

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.

REPRODUCTIVE TOXICITY:

No potential reproductive toxicity.

**SPECIFIC TARGET ORGAN TOXICITY-
SINGLE EXPOSURE:**

Narcotic effects. May cause drowsiness or dizziness. Can cause central nervous system (CNS) depression.

**SPECIFIC TARGET ORGAN TOXICITY-
REPEATED EXPOSURE:**

Not classified.

ASPIRATION HAZARD:

Not classified.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY:

Isopropyl alcohol
LC50, Fish, 96h, 4200 mg/l
EC50, Daphnia magna, 48h, 10100 mg/l
LC50, Crustaceans, 48h, 1400000 µg/l

PERSISTENCE AND DEGRADABILITY:

Not available

BIOACCUMULATIVE POTENTIAL:

Not available

MOBILITY IN SOIL:

Not available

OTHER ADVERSE EFFECTS:

Not available

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS:

Collect in appropriate containers and recycle or dispose the product at a licensed waste disposal site or in accordance with local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses.

HAZARDOUS WASTE CODE:

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

CONTAMINATED PACKAGING:

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 – TRANSPORT INFORMATION

TDG : UN1993, FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol), Class 3, PG II

SPECIAL PRECAUTIONS FOR USER: Read safety instructions, SDS and emergency procedures before handling.

SECTION 15 – REGULATORY INFORMATION

Ingredients included on inventory of DSL (Canada), REACH, TSCA (USA)

SECTION 16 – OTHER INFORMATION

PRODUCT NAME: IPA 70%

CODE: 1011XX

IN CASE OF ACCIDENTAL SPILL: CANUTEC (Canada): 1 (613) 996-6666

PREPARED BY: B.O.D. CHEMICALS INC.

PHONE: (450) 443-5556

DATE: March 16th, 2020

B.O.D. CHEMICALS INC. assume no responsibility for damages or physical injuries resulting in the use of this product. The user recognizes the risk in the use of this product and must consult and respect directions and dangers of this product.