

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** MORGAN-273-BULK  
**Product Name:** IPA 70%  
**Company Name:** Morgan-Gallacher, Inc.  
8707 Millergrove Drive  
Santa Fe Springs, CA 90670  
**Phone Number:** +1 (562)695-1232  
**Emergency Contact:** CHEMTREC +1 (800)424-9300  
**Intended Use:** Not intended for consumer use. For sale to, use and storage by service professionals only.  
**Recommended Use:** Cleaning Solvent.

## 2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 2  
Serious Eye Damage/Eye Irritation, Category 2A  
Specific Target Organ Toxicity (single exposure), Category 3



**GHS Signal Word:** Danger  
**GHS Hazard Phrases:** Highly flammable liquid and vapor.  
Causes serious eye irritation.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
**GHS Precaution Phrases:** Keep out of reach of children.  
Read label before use.  
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.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash hands thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Keep cool.  
**GHS Response Phrases:** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with plenty of water for 15 minutes.  
Get immediate medical advice/attention.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Get immediate medical advice/attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.  
Get immediate medical advice/attention.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.  
**GHS Storage and Disposal Phrases:** Store container tightly closed in well-ventilated place.  
Store locked up.  
Dispose of contents/container in accordance to local, state and federal regulations.

<b>OSHA Regulatory Status:</b>	This material is classified as hazardous under OSHA regulations.
<b>Potential Health Effects (Acute and Chronic):</b>	Chronic: Prolonged or repeated skin contact may cause defatting and dermatitis. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).
<b>Inhalation:</b>	May cause respiratory irritation. Inhalation of vapors may cause drowsiness and dizziness. May cause narcotic effects in high concentration.
<b>Skin Contact:</b>	May cause irritation with pain and stinging, especially if the skin is abraded.
<b>Eye Contact:</b>	May cause eye irritation. May cause burning of eyes and flow of tears.
<b>Ingestion:</b>	Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
67-63-0	Isopropyl Alcohol	70.0 %

### 4. FIRST AID MEASURES

#### Emergency and First Aid Procedures:

<b>In Case of Inhalation:</b>	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. Do NOT use mouth-to-mouth resuscitation. Get medical aid immediately.
<b>In Case of Skin Contact:</b>	In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical aid if irritation develops and persists.
<b>In Case of Eye Contact:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical aid immediately.
<b>In Case of Ingestion:</b>	Potential for aspiration if swallowed. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs naturally, have victim lean forward. Get medical aid immediately.
<b>Note to Physician:</b>	Show this safety data sheet to the doctor in attendance. Treat symptomatically and supportively.

### 5. FIRE FIGHTING MEASURES

<b>Flash Pt:</b>	< 100.00 F
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Autoignition Pt:</b>	NA
<b>Suitable Extinguishing Media:</b>	For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. For small fires, use carbon dioxide, dry chemical, dry sand, or alcohol-resistant foam.
<b>Unsuitable Extinguishing Media:</b>	Do NOT use straight streams of water.
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form explosive mixtures with air. Flammable liquid and vapor. Cool containers with flooding quantities of water until well after fire is out. Vapors are heavier than air and may travel to a source of ignition and flash back.
<b>Flammable Properties and Hazards:</b>	EXTREMELY FLAMMABLE. High temperatures and fires may produce toxic:carbon and nitrogen oxides Carbon monoxide, Vapors can travel to a source of ignition and flash back. Container explosion may occur under fire conditions.
<b>Hazardous Combustion</b>	No data available.

**Products:**

## 6. ACCIDENTAL RELEASE MEASURES

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Use proper personal protective equipment as indicated in Section 8.
<b>Environmental Precautions:</b>	Do not let product enter drains, sewers, watersheds or water systems.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Spills/Leaks: Provide ventilation. Remove all sources of ignition. A vapor suppressing foam may be used to reduce vapors. Use water spray to dilute spill to a non-flammable mixture. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Use a spark-proof tool.

## 7. HANDLING AND STORAGE

<b>Precautions To Be Taken in Handling:</b>	Avoid contact with eyes, skin, and clothing. Avoid breathing dust, mist, or vapor. Use only with adequate ventilation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Take precautionary measures against static discharges. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Do not allow to evaporate to near dryness.
<b>Precautions To Be Taken in Storing:</b>	Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from heat, sparks and flame. Keep from contact with oxidizing materials. Do not store in direct sunlight. Store in a tightly closed container. Flammables-area. Protect containers against damage. Keep container closed when not in use.
<b>Other Precautions:</b>	Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Handle in accordance with good industrial hygiene and safety practice. Keep out of reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-63-0	Isopropyl Alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
<b>Respiratory Equipment (Specify Type):</b>	Avoid breathing vapors or mists. If airborne concentrations pose a health hazard or become irritating, use a NIOSH/MSHA-approved respirator, in the positive pressure mode.			
<b>Eye Protection:</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.			
<b>Protective Gloves:</b>	Wear appropriate gloves to prevent skin exposure. Rubber or neoprene gloves.			
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.			
<b>Engineering Controls (Ventilation etc.):</b>	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.			
<b>Work/Hygienic/Maintenance Practices:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.			

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** ☐ Gas ☒ Liquid ☐ Solid

**Appearance and Odor:** Appearance: Colorless.  
Odor: alcohol-like.

**pH:** NA

**Melting Point:** NA

**Boiling Point:** > 212.00 F

**Flash Pt:** < 100.00 F

**Evaporation Rate:** NA

**Flammability (solid, gas):** No data available.

**Explosive Limits:** LEL: No data. UEL: No data.

**Vapor Pressure (vs. Air or mm Hg):** NA

**Vapor Density (vs. Air = 1):** NA

**Specific Gravity (Water = 1):** 0.847 - 0.867

**Density:** NA

**Solubility in Water:** NA

**Saturated Vapor Concentration:** NA

**Octanol/Water Partition Coefficient:** No data.

**Percent Volatile:** 100.0 % by weight.

**Autoignition Pt:** NA

**Decomposition Temperature:** No data.

**Viscosity:** NA

## 10. STABILITY AND REACTIVITY

**Stability:** Unstable ☐ Stable ☒

**Conditions To Avoid - Instability:** Ignition sources, Excess heat, flames and sparks.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents, Strong acids, Strong bases, Amines, ammonia, ethylene oxide, isocyanates, acetaldehyde, chlorine, phosgene.

**Hazardous Decomposition or Byproducts:** High temperatures and fires may produce toxic: carbon and nitrogen oxides Carbon monoxide, Carbon dioxide.

**Possibility of Hazardous Reactions:** Will occur ☐ Will not occur ☒

**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicological Information:</b>	Epidemiology: No information available.					
	Teratogenicity: No information available.					
	Reproductive Effects: No data available.					
	Mutagenicity: No information available.					
	Neurotoxicity: No data available.					
	Other Studies: CAS# 67-63-0:					
	Acute toxicity, LD50, Oral, Rat, 5045 mg/kg					
	CAS# 67-63-0: Isopropyl Alcohol: Acute toxicity, LDLO, Oral, Dog, 1537. MG/KG.					
	Acute toxicity, LDLO, Oral, Species: Cat, 6.000 ML/KG.					
	Acute toxicity, LD50, Oral, Species: Rabbit, 6410. MG/KG.					
<b>Irritation or Corrosion:</b>	Other Studies: CAS# 67-63-0:					
	Standard Draize Test, Skin, Species: Rabbit, 500 mg					
	Standard Draize Test, Eyes, Species: Rabbit, 100 mg, 24H					
<b>Carcinogenicity/Other Information:</b>	CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.					
	NTP? No IARC Monographs? No OSHA Regulated? No					
<b>Carcinogenicity:</b>	<b>CAS #</b>	<b>Hazardous Components (Chemical Name)</b>	<b>NTP</b>	<b>IARC</b>	<b>ACGIH</b>	<b>OSHA</b>
	67-63-0	Isopropyl Alcohol	n.a.	3	A4	n.a.

## 12. ECOLOGICAL INFORMATION

<b>General Ecological Information:</b>	Ecotoxicity: IPA has a high biochemical oxygen demand and a potential to cause oxygen depletion in aqueous systems, a low potential to affect aquatic organisms, a low potential to affect secondary waste treatment microbial metabolism, a low potential to affect the germination of some plants, a high potential to biodegrade (low persistence) with unacclimated microorganisms from activated sludge.					
	Physical: THOD: 2.40 g oxygen/gCOD: 2.23 g oxygen/gBOD-5: 1.19-1.72 g oxygen/g.					
	Environmental: No information available.					
	Other: No information available.					
	CAS# 67-63-0: Isopropyl Alcohol: LC50, Brine Shrimp (Artemia salina), 278000. UMOL/L, 24 H, Mortality.					
	LC50, Rotifer (Brachionus calyciflorus), 476000. UMOL/L, 24 H, Mortality.					
<b>Results of PBT and vPvB assessment:</b>	Other Studies: CAS# 67-63-0:					
	LC50, Water Flea (Daphnia magna), 10000 mg/L, 24H, Intoxication					
	LC50, Fathead Minnow (Pimephales promelas), 6550000 ug/L, 96H, Mortality					

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method:</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all Federal, State, and local regulations. RCRA P-Series: None listed. RCRA U-Series: None listed.
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## 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Isopropanol [or] Isopropyl alcohol.

**DOT Hazard Class:** 3 FLAMMABLE LIQUID

**UN/NA Number:** UN1219

**Packing Group:** II



**15. REGULATORY INFORMATION**

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-63-0	Isopropyl Alcohol	No	No	Yes

**This material meets the EPA** ☒ Yes ☐ No Acute (immediate) Health Hazard  
**'Hazard Categories' defined** ☐ Yes ☒ No Chronic (delayed) Health Hazard  
**for SARA Title III Sections** ☒ Yes ☐ No Fire Hazard  
**311/312 as indicated:** ☐ Yes ☒ No Sudden Release of Pressure Hazard  
☐ Yes ☒ No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
67-63-0	Isopropyl Alcohol	CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: Yes - 1076; NY Part 597: No; PA HSL: Yes - E

**16. OTHER INFORMATION**

**Revision Date:** 03/26/2018

**Additional Information About** No data available.

**This Product:**

**Company Policy or Disclaimer:** While Morgan-Gallacher believes the statements set forth herein are accurate as of the date hereof, Morgan-Gallacher makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.