

Preparation date	3/28/2024	1. IDENTIFICATION		Revision: 1.2
Product Name	Denatured Alcohol-Ethanol 190 proof	Part No	ASH-461	
Recommended Use	Industrial & Specialty - Solvents			
Company / Supplier	Quality Chemical Company, 1835 N.E. 144th Street, North Miami, FL 33181 Telephone: (305) 944-2837, (888) 355-5540, Fax: (305) 944-6857			
Emergency telephone number	Domestic: 1-800-535-5053 International Toll Free: 1-352-323-3500			

2. HAZARD(S) IDENTIFICATION

GHS Classification
Physical Hazards Category 2: Flammable Liquids
Health Hazards Category 3: Mild Skin Irritation

GHS Label Elements

Pictogram(s)



Signal word

WARNING

Hazard(s) Statement(s)

H226 Flammable liquid and vapor
H315 Causes skin irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness

Precautionary Statement(s)

P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.

Hazards not otherwise classified (HNOC) or not covered by GHS None known

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Common name and synonyms	CAS Number	%
Ethanol	Denatured Alcohol 190 PF	64-17-5	>95%

Denatured Alcohol-Ethanol 190 proof

4. FIRST-AID MEASURES

Description of First-Aid measure

General advice	Move out of dangerous area. Rapid action is critical to minimize possible health injury. Consult a Physician. Show this Safety Data Sheet to the doctor in attendance.
Eye Contact	Immediately flush eyes with water for 15 minutes while holding eyelids open. Seek medical attention in the event of adverse reaction or if symptoms worsen.
Skin Contact	In case of irritation, wash affected area with soap and water. Seek medical attention in the event of adverse reaction or if symptoms worsen.
Ingestion	Seek medical attention if ingestion occurs.
Inhalation	Product not hazardous by inhalation, but if respiratory distress occurs remove victim to fresh air and seek medical attention.

5. FIRE-FIGHTING MEASURES

Normal firefighting procedures is acceptable

6. ACCIDENTAL RELEASE MEASURES

Accidental release into environment: Dike and contain. Absorb spillage with an absorbent material (sand, earth absorbent pillows). Avoid runoff to drains; clean areas as soon as possible. DISPOSAL: Dilute with water and dispose of through drain.

7. HANDLING AND STORAGE

Precautions for safe handling:

- Do not store in unmarked containers.
- Use adequate personal protection equipment when transferring to other containers.
- Use reasonable care handling containers/packages.

Conditions for safe storage, including any incompatibilities:

- Keep containers tightly closed in a dry and well-ventilated area.
- Keep away from heat or flame or any sparking source

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Component Exposure Limit: No data available.
- Engineering Controls
- Local ventilation: Not needed.
- General ventilation: Recommended.
- Personal Protective Equipment for Routine Handling

Eyes	Safety glasses or goggles recommended
Skin	Gloves recommended
Inhalation	None Required under normal circumstances.
Ventilation	Use in well ventilated area. Mechanical ventilation may be necessary.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid	Volatile Content	Not determined
Color	Clear	Auto-ignition temperature	N/A
Odor	Solvent-Like	Evaporation rate	Not determined
Specific Gravity @ 25 C	.79	Vapor pressure	Not determined
Viscosity	Not Determined	Decomposition temperature	Not determined
Freezing/Melting Point	-71 F (-57.22 C)	Vapor density	Not determined
pH	Not Determined	Solubility in water	Complete
Flammable	YES	Flash Point:	56.0 F (13.3 C)
Boiling Point:	174.14 F (78.97 C)	Shelf Life:	Virtually Unlimited in a Tightly Closed Con

10. STABILITY AND REACTIVITY

Chemical stability: Stable
 Hazardous polymerization: Will not occur
 Condition to avoid: None
 Materials to avoid: None
 Hazardous decomposition products: None

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Eyes, skin, inhalation, ingestion.
 Special Remarks on Toxicity to Animals: not determined.
 Special Remarks on Chronic Effects on Humans: Not determined.
 Mutagenetic Effects: Not determined.
 Numerical measures of toxicity: Not determined.

Eyes	Contact may cause mild irritation
Skin	Causes skin irritation. May causes allergic reaction.
Ingestion	Low ingestion hazard; oral toxicity not expected. May cause upset stomach, nausea, vomiting
Inhalation	Repeated inhalation can produce varying degree of respiratory irritation or lung damage, including burns to respiratory tract.
Chronic Effects	Prolonged exposure may cause chronic effects.
Carcinogenicity	May cause cancer.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.
 Products of Biodegradation
 Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Denatured Alcohol-Ethanol 190 proof**13. DISPOSAL CONSIDERATIONS**

Waste Disposal: Dispose used or extended material to local sewage systems in accordance with federal, state and local regulations.

After rinsing with plenty of water, empty containers may be recycled.

14. TRANSPORT INFORMATION

DOT UN1170, Ethanol, 3, II, Flammable Liquid

IATA (air) UN1170, Ethanol, 3, II, Flammable Liquid

IMO/IMDG (vessel) UN1170, Ethanol, 3, II, Flammable Liquid

Environmental Hazards: Marine Pollutant

Special Precautions: None

15. REGULATORY INFORMATION

Contents of this SDS comply with the OSHA Hazards Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances: None

Section 404 CERCLA Hazardous Substances: None

Section 311/312 Hazard Class: Not applicable

Acute: No.

Chronic: No.

Fire: Yes, flammable

Pressure: No.

Reactive: No.

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

Supplemental state Compliance Information: California

This product contains no chemicals listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

The above information is believed to be correct to the best of our knowledge but does not purport to be all inclusive and shall be used only as a guide. Users should make their own investigations to determine the suitability of the information for their particular purposes.

The information in this document is applicable to the product with regard only to appropriate safety precautions.

This document does not represent any guarantee of the properties of the product.

The Company (listed in Section 1) shall not be held liable for any damage resulting from handling or from contact with the above product. The buyer assumes all responsibility for handling, using, suitability for any particular purpose or reselling the product in accordance with the applicable local, state and federal law.