

## SAFETY DATA SHEET:

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION:

#### Sanitizer

**Arrow Industrial Supply**

660 Kintner Pkwy,

Sunbury, OH 43074

Phone: 800-225-6763 (day phone)

MSDS Issuer: EHS Department

**Emergency Phone (United States):**

**800-424-9300**

**CHEMTREC**

### SECTION 2 HAZARDS IDENTIFICATION:

**Classification of the product:**

Flammable liquids (Category 2)

**GHS Label elements:**

**Hazard pictograms:**



**Signal word:**

Danger

**Hazard Statements:**

H225

Highly Flammable liquid and vapor.

H319

Causes serious eye irritation.

**Precautionary statements:**

**Prevention:**

P210

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

**Response:**

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313

If eye irritation persists: Get medical advice/attention.

P370 + P378

In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish.

P403 + P233 + P235

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

**Disposal:**

P501

Dispose of contents/container to an approved waste disposal plant

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### **SECTION 3 INGREDIENTS:**

COMMON NAME	CHEMICAL NAME	PERCENT BY WEIGHT	CAS#	EINECS#
Ethanol		75-80%	64-17-5	

### **SECTION 4 FIRST AID MEASURES:**

**SKIN CONTACT:** Remove and isolate contaminated clothing and shoes. Remove excess material from skin with clean cloth. Flush skin with running lukewarm water. Wash affected areas using mild soap.

**EYE CONTACT:** Flush the eye and under lids with warm water for 15 minutes. Remove any contact lenses during the flushing. Get immediate medical attention if symptoms persist.

**INHALATION:** Move subject to fresh air and keep warm. If subject is not breathing, administer artificial respiration. If breathing is difficult, have qualified personnel administer oxygen and get medical attention.

**INGESTION:** If appreciable quantities are swallowed, seek immediate medical attention.

### **SECTION 5 FIRE FIGHTING MEASURES:**

**EXTINGUISHING METHOD:** In case of fire: Use water, CO2, dry chemical, or foam for extinction.

**FLASHPOINT:** 25°C

**SPECIFIC HAZARDS:** Prevent build-up of vapors or gasses to explosive concentrates.

**AUTO-IGNITION TEMPERATURE:** Not established

Evacuate area of all non-emergency personnel. Fire fighters must wear full emergency equipment with self-contained breathing apparatus. At elevated temperatures hazardous polymerization may occur causing container rupture and in extreme cases, explosion. Fight fires from upwind and cool intact containers with water spray or stream at maximum range.

### **SECTION 6 ACCIDENTAL RELEASE MEASURES:**

**Personal Precautions:** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Methods For Containment:** Contain any spills immediately and dike area to prevent spreading.

**Methods For Cleaning Up:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Take up mechanically, placing in appropriate containers for disposal.

**Environmental Precautions:** Collect spillage. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

**References To Other Sections:** See Sections 7, 8 and 13 for additional information.

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### SECTION 7 HANDLING AND STORAGE:

**HANDLING:**

Keep away from open flames, hot surfaces and sources of ignition. Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of reach of children

**STORAGE:**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from freezing.

**Storage Temperature:** Store at 7 – 32 °C, 45 – 90 °F

**Reason:** Flammable Liquids

### SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION:

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids. Eyewash availability is also recommended.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves are recommended

**RESPIRATORY PROTECTION:** Respirator use is not expected to be necessary under normal conditions of handling. If ventilation is inadequate, wear respiratory protection.

**GENERAL SAFETY AND HYGIENE MEASURES:** Wear protective clothing as necessary to minimize contact. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Handle in accordance with good industrial hygiene and safety practice. Eye wash stations and safety showers should be easily accessible.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE, PHYSICAL STATE AND ODOR:** Colorless liquid smelling of alcohol

**Viscosity:** N/A

**BOILING POINT (°F):** 83°C

**VAPOR PRESSURE:** NA

**SOLUBILITY IN WATER:** NA

**pH:** 5-8

**Relative Density:** 0.9

**FREEZING POINT:** NA

**VAPOR DENSITY:** 2.6

**EVAPORATION RATE:** NA

**FLASH POINT:** 25°C

### SECTION 10 REACTIVITY / STABILITY HAZARD DATA:

**STABILITY:** This material is stable under recommended storage and handling conditions. Refer to section 7.

**CONDITIONS TO AVOID:** Protect from Heat, flames and sparks

**INCOMPATIBILITY:** Strong oxidizing agents, strong reducing agents, strong bases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide and carbon monoxide

**HAZARDOUS POLYMERIZATION:** NONE

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### **SECTION 11 TOXICOLOGICAL INFORMATION:**

**TOXICOLOGICAL DATA:** No Data

**LD50** – Not determined **LC50** – Not determined

**REPRODUCTIVE TOXICITY:** Not determined **TERATOGENICITY:** Not determined **MUTAGENICITY:** Not determined

**CARCINOGENICITY:** **IARC?** No **NTP?** No **OSHA?** No

#### **Components:**

Data from available scientific literature on the components of this material which have been identified as hazardous chemicals under the criteria of the OSHA Hazard Communications Standard (29 CFR 1910.1200) or the Canadian Hazardous Act are discussed below:

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethanol	64-17-5	10470 mg/kg bw (OECD 401)	➤ 15800 mg/kg (Rabbit)	116.9 mg/L air (//OECD 403)

### **SECTION 12 ECOLOGICAL INFORMATION:**

No determination has been made on ecological impact. However, it is highly recommended to prevent contamination of the environment with this product, i.e. soil, landfills, drains, sewers, surface waters, etc.

### **SECTION 13 DISPOSAL CONSIDERATIONS:**

Dispose of this product in accordance with all applicable laws and regulations.

### **SECTION 14 TRANSPORTATION INFORMATION:**

#### **DOT (US)**

UN number: 1987 Class: 3 Packing group: III  
Proper shipping name: Alcohols, N.O.S.

#### **IMDG**

UN number: 1987 Class: 3 Packing group: III EMS-NO: F-E, S-D  
Proper shipping name: Alcohols, N.O.S.

#### **IATA**

UN number: 1987 Class: 3 Packing group: III  
Proper shipping name: Alcohols, N.O.S.



# SAFETY DATA SHEET:

## **SECTION 15 REGULATORY INFORMATION:**

This Safety Data Sheet has been formatted to the best of our ability in accordance with American National Standards Institute (ANSI), European Communities (EC), and contains hazard criteria and all information required by the Canadian Controlled Products Regulation (CPR) in regard to this product.

### **INTERNATIONAL REGULATIONS**

**Canadian Inventory Status:** All components of this product are currently listed on the Canadian Domestic Substance List (DSL) or the Canadian Non-Domestic Substance List NDSL.

**European Inventory Status:** All components of this product are listed on the European Inventory of Existing Commercial Substances (EINICS) or the European List of Notified Chemical Substances (ELINCS). This product is classified and labeled in accordance with EC directives.

### **U.S. FEDERAL REGULATIONS**

**California Proposition 65 Right-To-Know (RTK):** This product does not knowingly contain substance (s) known to the state of California to cause cancer and/or reproductive toxicity.

**Clean Air Act- Hazardous Air Pollutants (HAP):** This product and its components do not contain any Hazardous Air Pollutants.

**Clean Air Act – Ozone Depleting Substances (ODS):** This product and its components do not contain Ozone Depleting Substances.

**Clean Water Act – Priority Pollutants (PP):** This product and its components do not contain Priority Pollutants.

**Coalition of Northeastern Governors (CONEG):** This product meets the requirements of CONEG pertaining to heavy metals total content of no more than 100 PPM. No heavy metals are added as a part of the formulation, but raw materials may contain residual parts per million as naturally occurring elements.

**Food and Drug Administration (FDA) Food Packaging Status:** This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.

**Occupational Safety and Health Act (OSHA):** Refer to Section 11 for OSHA hazardous classification of components.

**Resource Conservation and Recovery Act (RCRA):** This product is not regulated as a hazardous substance under 40 CFR 261.

**SARA Title III Section 302 – Extremely Hazardous Substances (EHS):** This product is not regulated as an EHS.

**SARA Title III Section 304 – CERCLA:** This product is not regulated for emergency release notification.

**SARA Title III Section 311/312 – Hazard Communication Standard (HCS):** Some components of this product are classified under SARA Title III Section 311/312 as an immediate (acute) hazard and a reactive hazard.

**SARA Title III Section 313 – Toxic Chemical List (TCL):** This product and its components are not listed under the Toxic Chemical Release Reporting requirements.

**Toxic Substances Control Act (TSCA) Section 5(e):** This product is not regulated under the Consent Order/Significant New Use Rule.

**Toxic Substances Control Act (TSCA) Section 8(b) – Inventory Status:** All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

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### SECTION 16 OTHER INFORMATION:

**EU Risk/Safety Phrases**

None

**Revision History:**

03/23/2020 - Original issue

04/03/2020 - Revision 1

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