

# SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION & COMPANY INFORMATION

**PRODUCT:** Instant Hand Sanitizer  
**ITEM:** 52210, 52250, 52202  
**RECOMMENDED USE:** Skin-Care

DATE ISSUED :	7/10/2020
SDS REF. No :	522

**MANUFACTURER:**  
Chemcor Chemical Corp.  
13770 Benson Avenue  
Chino, CA 91710

**24 HR. EMERGENCY TELEPHONE NUMBER:**  
**INFOTRAC (US Transportation): (800) 535-5053**  
NON-EMERGENCY TELEPHONE NUMBER:  
(909) 590-7234

## 2. HAZARDS INGREDIENTS & IDENTIFICATION

**GHS CLASSIFICATION:**  
Flammable Category 3  
Eye irritation Category 2B

### GHS LABEL ELEMENT

Hazard Pictograms



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:** H226 Flammable liquid and vapor, H319 Causes serious eye irritation.

### PREVENTION:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 Keep container tightly closed. P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection

### RESPONSE:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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.

**STORAGE:** Store in a tightly closed container. Do not store near oxidizers, alkalies, acids and bleach. Do not mix with other chemicals. Store away from excessive heat.

**DISPOSAL METHOD:** Dispose of in accordance with all Local, State and Federal regulations.

**EMPTY CONTAINER:** Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

**OTHER HAZARDS:** None known.

## 3. PHYSICAL DATA/COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS Number	Wt%	OSHA PEL	ACGIH TLV
ethanol	64-17-5	70	400ppm	400ppm

## 4. HEALTH HAZARD DATA & FIRST AID MEASURES

**GENERAL:** If a known exposure occurs or is suspected and is determined to be a health threat or if any symptoms persist, contact a physician, the nearest hospital, or the nearest Poison Control Center. Inform the person contacted of the type and extent of the exposure, describe the victim's symptoms and follow the advice given.

**EYES :** If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention. Continue the flushing for an additional 15 minutes if the physician is not immediately available.

**SKIN :** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persists, seek medical attention. Launder clothing before reuse.

**INGESTION:** If swallowed, seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

**INHALATION :** If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

**NOTES TO PHYSICIAN:** Treat symptomatically.

## 5. FIRE FIGHTING & EXPLOSION DATA/MEASURES

**SUITABLE EXTENUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water, Carbon Dioxide, Dry Chemical, Foam.

**UNSUITABLE EXTENUISHING MEDIA:** High water volume jet

**SPECIFIC HAZARDS DURING FIRE FIGHTING:** Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health

**HAZARDOUS COMBUSTION PRODUCTS:** Decomposition products may include the following materials: Carbon oxides

**FIRE FIGHTING EQUIPMENT :** Use Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator and protective clothing.

**FIRE FIGHTING PROCEDURES :** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

**OTHER CONSIDERATIONS:** Never use welding or cutting torch on or near drum (even empty) because product the product and product residue can ignite explosively.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCDURES:** Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If run off occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Per good environmental management practices, prevent run-off to sewers, streams and other bodies of water. Stop spill at the source. Cover sewer grates and dike the spill. Absorb spilled material on to absorbents. Shovel materials into container. Close container tightly and dispose of properly.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow contact with soil, surface or ground water.

## 7. PRECAUTIONS FOR SAFE HANDLING/STORAGE/USE

**SAFE HANDLING:** Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling.

**GENERAL PROCEDURES :** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred. Warning . Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "auto-ignition "or "ignition "temperature values cannot be of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION (PPE)

### INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS

Hazardous Components	CAS Number	Form of Exposure	Permissible Concentration
ethonal	64-17-5	Ceiling	1000ppm

**OSHA TABLE COMMENTS:** NL = Not Listed

**ENGINEERING CONTROLS:** Minimize workplace exposure concentrations. Use only in an area equipped with explosion proof exhaust ventilation. Use with local exhaust ventilation.

**PERSONAL PROTECTIVE EQUIPMENT:**

**EYES AND FACE:** Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative

**SKIN:** Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Wear the following personal protective equipment: Flame retardant antistatic protective clothing. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

**RESPIRATORY:** General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

**WORK HYGIENIC PRACTICES:** Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

**OTHER USE PRECAUTIONS:** Have clean water available for washing. Provide adequate ventilation or use mechanical devices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Liquid/Gel
COLOR:	Clear
ODOR:	Slight Ethanol
pH:	6.5-8.5
FLASH POINT:	70°F (Open Cup)
ODOR THRESHOLD:	No Data Available
MELTING POINT/FREEZING POINT:	No Data Available
BOILING POINT:	<212°F
EVAPORATION RATE:	(Water=1): >1 (faster than water)
FLAMMABILITY (SOLID, GAS):	No Data Available
UPPER EXPLOSION LIMIT:	No Data Available
SPECIFIC GRAVITY:	(H <sub>2</sub> O=1): 86 at 68°F
LOWER EXPLOSION LIMIT:	No Data Available
VAPOR PRESSURE:	(mm Hg): 33 at 68°F
RELATIVE VAPOR DENSITY:	(Air=1): >1 (heavier than air)
RELATIVE DENSITY:	No Data Available
WATER SOLUBILITY:	100%
SOLUBILITY IN OTHER SOLVENTS:	No Data Available
PARTITION COEFFICIENT: N-OCTANOL/WATER:	No Data Available
AUTOIGNITION TEMPERATURE:	No Data Available
THERMAL DECOMPOSITION:	No Data Available
VISCOSITY, KINEMATIC:	No Data Available
EXPLOSIVE PROPERTIES:	No Data Available
OXIDIZING PROPERTIES:	No Data Available
MOLECULAR WEIGHT:	No Data Available
VOC:	No Data Available

## 10. STABILITY AND REACTIVITY

**STABILITY :** Stable  
**HAZARDOUS POLYMERIZATION :** Will NOT Occur

**CONDITIONS TO AVOID :**  
**POLYMERIZATION :**  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
**INCOMPATIBLE MATERIALS:**

Avoid contact with open flame, ignition sources, and poor ventilation.  
Will NOT Occur  
CO, CO2  
Avoid contact with: acetaldehyde, acids, chlorine, ethylene oxide, isocyanides, strong oxidizing agents.  
Do not use with aluminum equipment at temperatures above 120 degrees Fahrenheit.

## 11. TOXICOLOGICAL INFORMATION

**INFORMATION ON LIKELY ROUTES OF EXPOSURE:** Inhalation, Ingestion, Eye contact, Skin contact.

**POTENTIAL HEALTH EFFECTS:**

EYES: Causes serious eye irritation.  
SKIN: May cause mild skin irritation.  
INGESTION: Irritation of the gastrointestinal and digestive tract.  
INHALATION: May cause nose, throat, and lung irritation.  
CHRONIC EXPOSURE: Health injuries are not known or expected under normal use.

**EXPERIENCE WITH HUMAN EXPOSURE:**

EYE CONTACT: Redness, Pain, Irritation  
SKIN CONTACT: No skin irritation  
INGESTION: Irritation, Abdominal pain  
INHALATION: Respiratory Irritation, Cough

**TOXICITY**

ACUTE ORAL TOXICITY: Acute toxicity estimate: > 5,000 mg/kg  
ACUTE INHALATION TOXICITY: No Data Available  
ACUTE DERMAL TOXICITY: No Data Available  
SKIN CORROSION/IRRITATION: No Data Available  
SERIOUS EYE DAMAGE/EYE IRRITATION: No Data Available  
RESPIRATORY OR SKIN SENSITIZATION: No Data Available  
CARCINOGENICITY: No Data Available  
REPRODUCTIVE EFFECTS: No Data Available  
GERM CELL MUTAGENICITY: No Data Available  
TERATOGENICITY: No Data Available  
STOT-SINGLE EXPOSURE: No Data Available  
STOT-REPEATED EXPOSURE: No Data Available  
ASPIRATION TOXICITY: No Data Available  
GENERAL COMMENTS: No Data Available

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** This product has no known ecotoxicological effects. Non Identified

**PRODUCT**

**TOXICITY TO FISH:** LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l Exposure time: 96 h  
**TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:** EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h  
**TOXICITY TO ALGAE:** EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l Exposure time: 72 h Method: OECD Test Guideline 201

**INGREDIENTS**

**TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:** Isopropyl alcohol

**PERSISTENCE AND DEGRADABILITY:** No Data Available  
**BIOACCUMULATIVE POTENTIAL:** No Data Available  
**MOBILITY IN SOIL:** No Data Available  
**OTHER ADVERSE EFFECTS:** No Data Available

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with all Local, State and Federal regulations.  
**EMPTY CONTAINER:** Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.  
**RCRA/EPA WASTE INFORMATION:** N/A

## 14. TRANSPORT INFORMATION

**THE SHIPPER/CONSIGNOR/SENDER IS RESPONSIBLE TO ENSURE THAT THE PACKAGING, LABELING, AND MARKINGS ARE IN COMPLIANCE WITH THE SELECTED MODE OF TRANSPORT.**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**LAND TRANSPORT:**

**PACKAGE SIZE:** 1-Quart or Less  
DOT DESCRIPTION: Compounds, Cleaning Liquid  
DOT LABEL: None  
DOT PLACARD: None  
**PACKAGE SIZE:** 1-Gallon or Larger  
UN NUMBER: UN 1170  
UN PROPER SHIPPING NAME : Flammable liquids, n.o.s.  
(contains Ethyl Alcohol Solution).  
TRANSPORT HAZARD CLASS: Flammable 3  
TRANSPORT HAZARD SUBCLASS: N/A  
PACKING GROUP: PG II  
[ERG#128] (Contains Ethyl Alcohol)  
DOT LABEL: Flammable 3  
DOT PLACARD: Flammable 3 (1001 Lbs. or More)  
MARINE POLLUTANT Y/N: No

**SEA TRANSPORT (IMDG/IMO):**

**PACKAGE SIZE:** 1-Quart or Less  
DOT DESCRIPTION: Compounds, Cleaning Liquid  
DOT LABEL: None  
DOT PLACARD: None  
**PACKAGE SIZE:** 1-Gallon or Larger  
UN NUMBER: UN 1170  
UN PROPER SHIPPING NAME : Flammable liquids, n.o.s.  
(contains Ethyl Alcohol Solution).  
TRANSPORT HAZARD CLASS: Flammable 3  
TRANSPORT HAZARD SUBCLASS: N/A  
PACKING GROUP: PG II  
[ERG#128] (Contains Ethyl Alcohol)  
DOT LABEL: Flammable 3  
DOT PLACARD: Flammable 3 (1001 Lbs. or More)  
MARINE POLLUTANT Y/N: No

## 15. REGULATORY INFORMATION

### EPCRA – EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW CERCLA REPORTABLE QUANTITY

Hazardous Components	CAS Number	Component RQ (Lbs.)	Calculated Component RQ (lbs.)
ethonal	64-17-5	1,000	22,222

#### UNITED STATES:

#### SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

#### SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards:** Fire Hazard, Acute Health Hazard

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**CALIFORNIA PROP 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

## 16. OTHER INFORMATION

NFPA Health Hazards: 2 Flammability: 3 Instability: 0 Special: N/A  
HMIS Health Hazards: 2 Flammability: 3 Physical Hazards: 0

**Revision Date:** 07/02/2020  
**Reasons For Revision:** No Information Available

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---- End of Safety Data Sheet ----

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