



Safety Data Sheet

SECTION 1. IDENTIFICATION

Product Identifier Junction 56 Hand Sanitizer – 80% Ethanol
Recommended Use Hand Sanitizer
Manufacturer Address 45 Cambria St., Stratford ON., N5A 1G8
General Info Contact Phone – 1 519 305 5535
Email – info@junction56.ca
Product Dilution Product is sold ready to use or for repackaging
In Case of Spill CANUTEC – 613-759-6384
Emergency contact:

SECTION 2. HAZARD IDENTIFICATION

This material is an Over- The – Counter consumer product that is safe for consumers & workplaces with the intended reasonable and expected manner. **NOTE:** Warnings below are for exposure to large quantities of the product. Normal usage should not create a hazardous condition.



**Flammable Liquids
Category 3**

Emergency Overview

FLAMMABLE LIQUID
AND VAPOR
Irritating to eyes



Eye Irritation Category 2A

Appearance: Aqueous Solution

Physical State: Viscous Liquid

Odor: Alcohol

Signal Word: Warning

Hazard Statements : Flammable liquid and vapor.
Causes serious eye irritation.

Precautionary Statements :

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/ container in an approved waste disposal method.

Other hazards: None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration of Recipe
Ethanol 96%	64-17-5	80.0% (v/v)
Hydrogen Peroxide 3%	7722-84-1	0.125%(v/v)
Glycerol 98%	56-81-5	1.45% (v/v)

SECTION 4. FIRST-AID MEASURES

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact: In the case of skin irritation or allergic reactions see a physician.

Inhalation: Move to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If symptoms persist, call a physician.

Ingestion: Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.

Notes to Physician Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	High volume water jet
Specific hazards during fire fighting:	Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Hazardous combustion products:	Carbon oxides

Special protective equipment for fire-fighters:	Use personal protective equipment.
Specific extinguishing methods:	Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up:	Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling:	Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces.
Conditions for safe storage:	Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
Storage temperature:	0 °C to 35 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: There is no exposure data for the Product. This section reflects exposure data pertaining to individual ingredients.

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA (ppm)	STEL (ppm)	TWA (ppm)	STEL
Ethanol 70%		1,000	1,000	
Hydrogen Peroxide 3%	1		1	
Glycerin		10 mg/m ³ mist	15 mg/m ³ mist	

Notes: **STEL** Short term exposure limit related to a 15 minute period

TWA Time-weighted average reference of 8 hour time weighted

Additional Engineering Controls:

Engineering Measures:	Showers Eyewash stations Ventilation systems
Personal Protective Equipment	
Eye/Face Protection:	Tightly fitting safety goggles.
Skin and Body Protection:	Protective gloves.
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Provide regular cleaning of equipment, work area and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Color: Clear - opaque

Odor: Alcohol

pH: 6.3 - 8.5, 100 %

Flash point: 23 °C closed cup

Odor Threshold: no data available

Melting point/freezing point: no data available

Initial boiling point and boiling range: no data available

Evaporation rate: no data available

Flammability (solid, gas): no data available

Upper explosion limit: no data available

Lower explosion limit: no data available

Vapor pressure: no data available

Relative vapor density: no data available

Relative density: no data available

Water solubility: no data available
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

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known.
Hazardous decomposition products	Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: When this product is used in a reasonable and expected manner, no significant adverse reactions should be expected. Some of the following data pertains to individual ingredients found in the final product.

Likely routes of exposure are: Inhalation, Eye contact, Skin contact

Potential Health Effects	
Eyes:	Causes serious eye irritation.
Skin:	Health injuries are not known or expected under normal use.
Ingestion:	Health injuries are not known or expected under normal use.
Inhalation:	Health injuries are not known or expected under normal use.
Chronic Exposure:	Health injuries are not known or expected under normal use.
Experience with Human Exposure	
Eye contact:	Redness, Pain, Irritation
Skin contact:	No symptoms known or expected. Dry skin may occur.
Ingestion:	No symptoms known or expected.
Inhalation:	No symptoms known or expected.
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	
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA:	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP:	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Reproductive effects:	No data available
Germ cell mutagenicity:	No data available
Teratogenicity:	No data available
STOT-single exposure:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT-repeated exposure:	No data available
Aspiration toxicity:	No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	
Environmental Effects:	Harmful to aquatic life.
Toxicity to fish: (ethanol)	96 h LC50 Fish: 11,000 mg/l
Toxicity to daphnia and other aquatic invertebrates:	No data available
Toxicity to algae:	No data available
Persistence and degradability:	No data available
Bio accumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	
Waste from residues:	Dispose of in accordance with local regulations.
Contaminated packaging:	Dispose of as an unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 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.

Land transport (DOT) Consumer Commodity, ORM-D

UN number: 1170

Description of the goods: Ethanol solutions

Class: 3

Packing group: III

Environmentally hazardous: no

Sea transport (IMDG/IMO)

UN number: 1170

Description of the goods: Ethanol solution

Class: 3

Packing group: III

Marine pollutant: no

Emergency response guide number: 127

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity - This material does not contain any components with a CERCLA RQ.

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 reporting requirements of 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.

The ingredients of this product are reported in the following inventories:

1907/2006 (EU): Not determined

Switzerland. New notified substances and declared preparations: Not determined

United States TSCA Inventory: On TSCA Inventory

Canadian Domestic Substances List (DSL): This product contains one or several components that are not on the Canadian DSL nor NDSL.

Australia Inventory of Chemical Substances (AICS): Not determined

New Zealand. Inventory of Chemical Substances: Not determined

Japan. ENCS - Existing and New Chemical Substances Inventory: Not determined

Japan. ISHL - Inventory of Chemical Substances (METI): Not determined

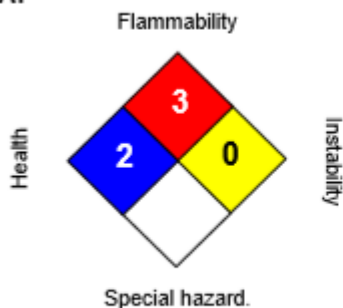
Korea. Korean Existing Chemicals Inventory (KECI): Not determined

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Not determined

China. Inventory of Existing Chemical Substances in China (IECSC): Not determined

SECTION 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.