



SAFETY DATA SHEET

Version 1.3

Section 1: Identification

Product Name: CRE8 HAND SANITIZER

Applicable packaging sizes:

500ml Bottle, 1000ml Bottle , 20L Pail

Company:

SMOOTH 42 Craft Distillery Ltd.

400 Cathcart Street

Brownlee SK, S0H 0M0

Telephone: 306-313-1511

24HR Emergency Telephone Number: CANUTEC 1888-226-8832 / 619-996-6666

Recommended use: Hand Sanitizer

Restrictions on application: This personal care and domestic use product is safe for consumer use under normal and reasonable circumstances and is exempt from SDS applications for consumer use as it is a natural health consumer product. This SDS sheet does provide valuable information for consideration for proper use of the product in industrial workplace conditions.

Section 2: Hazard(s) Identification

GHS Classification:

Flammable Liquids: 3

Eye Irritation: 2A

Signal Word(s): Warning

Hazard Statements: Flammable Liquid

Pictograms:



Precautionary Statements: Keep away from flame, sparks and sources of ignition.

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
ETHYL ALCOHOL	Alcohol, grain alcohol	64-17-5	80%

Section 4: First-Aid Measures

After eye contact: Check for and remove contact lenses if possible, flush eyes with running water for a minimum of 15 minutes. Seek medical advice is needed.

Skin contact: Wash with water and soap. Seek medical advice if needed.

After inhalation: If inhaled, remove to fresh air. Seek medical advice is needed.

After swallowing: If swallowed, do not induce vomiting. Seek medical attention.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Dry chemical or carbon dioxide fire extinguisher.

Special protective equipment for firefighters: Self Contained Breathing Apparatus

Section 6: Accidental Release Measures

Personal precautions: Use person protective equipment, ensure adequate ventilation, and remove all sources of ignition.

Measures for cleaning/collecting: Soak up with inert absorbent noncombustible material, use non-sparking tools.

Section 7: Handling and Storage

Handling: Keep away from heat, and sources of ignition. Avoid contact with eyes.

Storage: Store between 15 and 30C. Avoid freezing and access heat above 40C. Keep in well-ventilated location away from heat sources.

Section 8: Exposure Controls/Personal Protection

Chemical Name	CAS-No	PEL	Concentrations
Ethyl Alcohol	64-17-5	TWA	1000ppm, 1880mg/m3

General protective and hygienic measures: Avoid contact with eyes

Breathing equipment: No recommended equipment required under normal conditions.

Protection of hands: No recommended equipment required under normal conditions.

Eye protection: No recommended equipment required under normal conditions.

Section 9: Physical and Chemical Properties

Appearance: Liquid
Colour: Clear
Odor: Alcohol like
Odor threshold: No data available
pH: No data available
Melting point/melting range: No data available
Boiling point/boiling range: No data available
Flash point: 22C
Evaporation rate: No data available
Flammability: No data available
Upper/lower flammability or explosive limits: No data available
Auto ignition temperature: No data available
Danger of explosion: No data available
Vapor pressure: No data available
Relative density: No data available
Solubility in/Miscibility with water: Yes

Section 10: Stability and Reactivity

Reactivity: Not classified as reactivity hazard
Chemical stability: Stable under normal conditions
Conditions to avoid: Heat, sources of ignition
Incompatible materials: Oxidizing agents

Section 11: Toxicological Information

Likely routes of exposure: Inhalation, eye contact, skin contact

Component: Ethyl Alcohol

Routes of entry: Absorbed through skin. Dermal Contact. Eye Contact. Inhalation. Ingestion

Acute oral toxicity: LD50: >7060mg/kg rat

Acute inhalation toxicity: LC50: 20000ppm, 10H Rat

Acute dermal toxicity: LD50: >7060mg/kg rat

Skin Irritation: Exposure time 24HR rabbit

Carcinogenic effects : Not classified for humans or animals

Mutagenic effects: Mutagenic for mammalian somatic cells if consumed

Reproductive toxicity: [Proven] Reproductive system toxin/female, if consumed. [Possible] Reproductive toxin/male, if consumed

Section 12: Ecological Information (non-mandatory)

Eco toxicity

Toxicity to fish: LC50: 8140mg/l Exposure time 48HR

Biodegradability: Readily biodegradable

Biodegradation: Possibility of hazardous short-term degradation products are not likely. Long time degradation products may arise. The product itself and products of degradation are not considered to be toxic

Section 13: Disposal Considerations (non-mandatory)

Disposal Methods: Dispose contents/containers in accordance with local and feral regulations

Section 14: Transport Information (non-mandatory)

DOT regulations:

- **UN ID:** 1987
- **Proper Shipping Name:** Alcohols n.o.s (Ethanol)
- **Class:** 3 Flammable Liquid
- **Subsidiary Class:** None
- **Labels:** 3
- **Packing Group:** III

Air transport IATA-DGR:

- **UN ID:** 1987
- **Proper Shipping Name:** Alcohols n.o.s (Ethanol)
- **Class:** 3 Flammable Liquid
- **Subsidiary Class:** None
- **Packing Group:** III
- **Packing Instructions (Cargo Air Craft):** 366
- **Packing Instructions (Passenger Air Craft):** 355

Ocean Transport IMDG

- **UN ID:** 1987
- **Proper Shipping Name:** Alcohols n.o.s (Ethanol)
- **Class:** 3 Flammable Liquid
- **Subsidiary Class:** None
- **Labels:** 3
- **Packing Group:** III
- **ERG Code:** F-E, S-D
- **Marine pollutant:** No

Section 15: Regulatory Information (non-mandatory)

CANADA:

No substances are subject to a significant new activity notification

United States:

TSCA (Toxic Substances Control Act): On TSCA inventory, or in compliance with inventory

Section 16: Other Information

SDS date of preparation/update: March 25 2020