

cranberry™

gel | alcohol hand sanitizer
cranberry ice



fusion series is our line of housekeeping products designed to be easy to use, efficient and safe. From state-of-the-art dispensing solutions to clear, simple color-named packaging, we've created fusion products in ways that make housekeeping a pleasure.

cranberry is an alcohol-based gel hand sanitizer formulated to be used without water or towels. Cranberry helps control the spread of germs by killing 99.99% of common germs that cause illness. Cranberry is formulated with emollients and our signature 'cranberry ice' fragrance, leaving hands smooth and soft with a most pleasant and refreshing scent.

FEATURES

- Helps avoid spreading of germs. Contains 62% ethanol which has been recognized by FDA as insuring killing 99.99% of common germs that cause illness.
- Convenience and ease of use with no rinsing or towel drying required makes it the preferred mode of insuring sanitary health in your facility. Simply dispense a dab or two on hand, rub hands together and product quickly and completely evaporates on the skin.
- Easy to use. Product quickly evaporates on the skin without leaving a sticky residue.
- Leaves a refreshing scent. Formulated with a cranberry ice fragrance which leaves the hands with a most pleasant and refreshing scent.
- Soft on hands. Formulated with emollients which leave hands smooth and soft and prevents drying of skin.

OPTIMAL APPLICATIONS

Nursing homes, hospitals and other healthcare facilities, hotels, motels, office buildings, restaurants and food service establishments, sports and exercise facilities, and schools.



green cove™

BIODEGRADABLE, NON-TOXIC, PHOSPHOROUS FREE

Environmentally Preferred Green Cove products reflect our commitment to protect the environment, operate in a sustainable fashion and deliver products that make a difference for our planet and our customers every day.

PRODUCT SPECIFICATIONS

Physical Description	Clear liquid
Viscosity	Gel
Color	Clear
Flashpoint	72 °F
Fragrance	Cranberry Ice
Weight per Gallon	7.45 lb / gal
pH (1%)	6.5 - 8.5
Storage Stability	1 year minimum
D.O.T. Shipping label	Flammable Liquid N.O.S. (Ethanol) or ORM-D in limited quantities



01 Chemical Product and Company Identification

Product Name Cranberry
Product Use Hand Sanitizer
Product Code 3858
For Medical Emergency Call 'Chemtrec' 1-800-424-9300
Supplier's Information Santec Inc.
 1420 East Linden Avenue, Linden NJ 07036

02 Hazards Identification

GHS Classification: Eyes - Category 2 **GHS Label Element:**

Signal Word: Danger
Hazard Statement: Flammable liquid and vapour.
Precautionary Statements: Wear eye protection.



Acute Effects

Eyes: May cause eye irritation. May cause redness or swelling.
Skin: No known acute effects resulting from skin contact.
Inhalation: Symptoms persists from abnormal entry route.
Ingestion: May be irritating to the mouth, throat and gastrointestinal system. Symptoms may include nausea, vomiting, diarrhea and cramps.

Chronic Effects

Carcinogenicity: No known critical effects or critical hazards.
Product /Ingredient Name: Not available.

03 Composition/ Information on Ingredients

Name of Hazardous Ingredients	CAS No.	WT.%
Ethyl Alcohol	64-17-5	60-65
Isopropanol	67-63-0	0-3

04 First Aid Measures

Eye Contact: Check for and remove any contact lenses. Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention if symptoms persist.
Skin Contact: In case of allergic reaction, contact physician.
Inhalation: Move to fresh air.
Ingestion: Do not induce vomiting. Drink copious amounts of water. Seek medical attention immediately.

05 Fire Fighting Measures

Suitable Fire Extinguishing Media: Use water spray, fog or alcohol resistant foam.
Specific Hazards Arising from the Chemical: Flammable.
Hazardous Thermal Decomposition Products: No Specific Data
Specific Fire-Fighting Methods: None known.
Specific Protective Equipment for Fire-Fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire and Explosion Hazards: Product is flammable due to alcohol content.

06 Accidental Release Measures

Spill Clean Up: Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move Containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

07 Handling and Storage

Handling: Keep away from sources of ignition. No smoking. Keep away from children. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container.

Storage: Store between the following temperatures: 4.44 to 48.9°C (40 to 120°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

08 Exposure Controls/ Personal Protection

Ingredient Name

Ethyl Alcohol
Isopropanol

Exposure Limits

OSHA PEL 1000 ppm
OSHA PEL 400 ppm

Personal Protective Equipment (PPE)

Eyes: No special precautions necessary if used as intended.

Skin: None.

Body: No protective clothing is required under normal conditions of use.

Respiratory: Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

09 Physical and Chemical Properties

Physical State

Clear liquid gel

Color

Water white

Odor

Alcohol with Cranberry Ice

pH

7.0-8.0

Flash point

75.2°F

Explosion limits

Not available

Flammability (solid, gas)

Not available

Melting point

Not available

Boiling point

Not available

Evaporation rate (butyl acetate = 1)

Not available

Vapor pressure

Not available

Vapor density

Not available

Relative density

0.894

Solubility

Easily soluble in the following materials: cold water and hot water

Partition coefficient n-octano/water

Not available

Auto-ignition temperature

Not available

Decomposition temperature

Not available

Odor threshold

Not available

Viscosity

Not available

10 Stability and Reactivity

Stability: The product is stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Keep away from fire or flame. Avoid ignition sources.

Materials to avoid: Strong oxidizers, excessive heat, sparks or open flame.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition should not be produced. When decomposed under heat, carbon oxides are produced.

11 Toxicological Information

Product /Ingredient Name	Result	Species	Dose
Ethyl Alcohol	LD50 Oral	Rat	3632 mg/kg
Isopropanol	LD50 Oral	Rat	5045 mg/kg

12 Ecological Information

N/A

13 Disposal Considerations

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

14 Transport Information

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification	1993	Flammable liquid, n.o.s. (ethanol) or consumer commodity or limited quantity	3	III	
Note: DOT classification applies to most package sizes. For specific container size classifications or size exceptions, refer to the bill of lading with your shipment.					
PG*: Packing Group					

15 Regulatory Information

U.S. Federal Regulations

TSCA 8(b) inventory: All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

SARA 313	Product name	CAS number	Concentration
Form R-Reporting requirements	No listed substance		

16 Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date of Issue: 03/09/2020

*Hazard Determination System (HDS):

Health	2
Reactivity	0
Flammability	3

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.