



Safety Data Sheet

1. Identification

Product Name:	Germ Master Door Handle Sanitizer
Synonyms:	None
CAS Number:	None
Product Use:	Sanitizer
Manufacturer:	West Sanitation Services, Inc.
Address:	2158 Beaumont Drive Baton Rouge, LA 70806 USA
General Information:	225-302-5570
Transportation Emergency Number:	CHEMTREC: 800-424-9300

2. Hazards Identification

GHS Classification:

Health	Environmental	Physical
Acute Toxicity - Category 5(inhalation), Category 5(oral/dermal) Eye Corrosion - Category 4 Skin Corrosion - Category 4 Skin Sensitization - Category 5 Mutagenicity - None Carcenogenicity -None Reproductive/Development - None Target Organ Toxicity (Repeated) - None	Aquatic Toxicity - Slightly toxic	Flammable Liquid Category IIIA

GHS Label:

Symbols: None	
Hazard Statements Danger! Flammable Liquid and Vapor GAS: CONTENTS UNDER PRESSURE Extremely flammable If inhaled: May cause respiratory tract irritation For skin and eyes: Prolonged contact may lead to irritation	Precautionary Statements Do not eat, drink, or use tobacco when using this product. Do not puncture or incinerate container Can cause suffocation May cause severe frostbite Keep away from heat and open flame Wear protective gloves and eye/face

For allergic skin reaction: None known Harmful if Swallowed and in contact with skin Does not cause Lung Cancer Does not cause Birth Defects Does not cause Genetic Defects	protection Use in a well ventilated area. Store in tightly closed container in cool/well ventilated place. Wash thoroughly after handling
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Risk Codes: R22, R36,38, R41

Additional Information Full text of R and S phrases in section 15

GHS Labeling Symbols



Signal Word Danger

Hazard Statements

- H222 Extremely Flammable Aerosol
- H226 Flammable liquid and vapour
- H302 Harmful if Swallowed
- H315 Causes Skin Irritation

Precautionary Statements

- P262 Do not get in eyes, on skin or on clothing
- P264 Wash hands thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P273 Avoid release to the environment
- P301 & P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
1. Isopropyl Alcohol	67-63-0	55%
2. Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0.1%
3. Ethane	75-37-6	30%
4. Isobutane	75-28-5	15%

4. First Aid Measures

Eye: Flush with water for at least 15 minutes or until irritation ceases. If irritation persists, consult a doctor.

Skin: Flush with water until slipperiness is gone. Prolonged contact by sensitive individuals can cause irritation or allergic dermatitis.

Inhalation: Immediately remove person to fresh air. Keep person calm, if not breathing, give artificial respiration. If not breathing, give oxygen.

Ingestion: Seek medical attention immediately. If person is conscious, give water to dilute stomach content and call a physician.

5. Fire Fighting Measures

Suitable Extinguishing Media: Water, Foam, Carbon Dioxide, or Dry Chemical

Fire Fighting Procedures: Use normal firefighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA). Use water to cool containers. Product may float on water if spilled

Unusual Fire and Explosion Hazards: Vapors may be heavier than air and travel along the ground to ignition sources or sumps.

Combustion Products: Carbon Monoxide, Carbon Dioxide

6: Accidental Release Measures

- Keep unnecessary personnel out of the spill and containment areas.
- Vapor Protective Clothing--not necessary. Vapors are not corrosive or dangerous.
- Do not flush to sewer or waterway

Personal Protection for Emergency Situations:

Evacuate the area of all unnecessary personnel.

Spill Mitigation Procedures

Air Release: Vapors may be suppressed by the use of water fog.

US regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of stipulated quantities (RQ). US Coast Guard National Response Center is 800-424-8802.

Water Release: This material is soluble in water. Contain all liquid for treatment and/or disposal as a (potential) hazardous waste. If not contaminated with other chemicals, this can be disposed of in a sanitary sewer.

Land Release: Create a dike or trench to contain materials. Absorb spill, or pump to liquid storage for disposal in a sanitary sewer or landfill. Decontaminate all clothing and the spill area using detergent and flush with large amounts of water; contain water for disposal in sanitary sewer.

Additional Spill Information:

Stop source of spill as soon as possible and notify appropriate personnel. Utilize emergency response personal protection equipment (PPE) prior to the start of any response. Evacuate all non-essential personnel. Dispose of spill residues per guidelines under Disposal Considerations.

7. Handling and Storage

Handling: Prevent spills by using containment dikes and plugging drains in a storage or dispensing area. Use chemical resistant gloves and eye protection to prevent exposure on handling. Do not take internally. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or mist.

Storage: Store product in original containers. Keep containers closed. Store in cool, well-ventilated areas. Keep away from oxidizers.

8. Exposure Controls / Personal Protection

Exposure limits:

Component 1: Isopropyl Alcohol	400 ppm
Component 2: Alkyl dimethylbenzyl ammonium chloride	none listed
Component 3: Ethane	unknown
Component 4: Isobutane	none listed

Engineering Controls: Local or mechanical ventilation recommended

Personal Protective Equipment (PPE):

Eye Protection: Chemical Splash Goggles or Face Shield

Skin Protection: Chemical gloves and apron. Nitrile Latex or neoprene recommended

Respiratory Protection: None required except in event of a spill. Transfer fluids in areas with adequate ventilation.

9. Physical and Chemical Properties

Flashpoint:	125°F	Autoignition Temperature:	455°C
Boiling Point:	181°F	Melting Point:	unknown°F
Vapor Pressure:	unknown	Vapor Density:	>1
% Solubility:	60%	Pour Point:	20°F
Molecular Formula:	not applicable		
Odor and Appearance:	Clear liquid, alcohol odor		
Lower Explosive Limit (LEL):	3.3%	Upper Explosive Limit (UEL):	19
Specific Gravity:	0.92 g/ml	% Volatile	99%
Evaporation Rate:	As water	Viscosity	none

Octanol/Water Partition: Not applicable pH unknown
Molecular Weight: Not applicable

10. Stability and Reactivity

Stability/Incompatibility: Product is stable. Hazardous Polymerization will not occur. Avoid Strong Acids and Strong Oxidizing Agents.

Hazardous Reactions: Strong oxidizing agents or sparks can cause fires.

11. Toxicological Information

Signs and Symptoms of overexposure:

Acute Effects: Product can cause itching or burning to skin and eyes.

Eye Contact: Severe irritation, redness and swelling can occur with contact with liquid.

Skin Contact: May cause reddening, drying of skin

Inhalation: May cause irritation and pulmonary edema

Ingestion: May cause gastro-intestinal discomfort.

Target Organ Effects: May cause gastro-intestinal discomfort, irritation to respiratory tract.

Chronic Effects: Allergic irritation may result in individuals who are susceptible to allergic reactions and have chronically spilled material on hands or clothing.

Medical Conditions Aggravated: Individuals with damaged lungs from smoking or other health issues should not dispense (pour bottles) this product, due to possible pneumonia like reaction especially in closed spaces.

Acute Toxicity:

Oral LD50 (rat)	2000mg/kg	
Dermal LD50(rabbit)	>5000mg/kg	
Inhalation LC50(rat)	1000 ppm	
IDLH	4 hour	8 hour

12. Ecological Information

LC₅₀ (Fathead Minnows) 100 mg/l

EC₅₀ (Daphnia) = 100 mg/L/48 hr.

Bioaccumulation/Biodegradability : Bioaccumulation is not expected to be significant.
This product is readily Biodegradable.

13. Disposal Considerations

As sold, this product is not a hazardous waste and can be disposed of safely in any sewer or sanitary system. Flush down with plenty of water.

COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS

14. Transport Information

U.S. Department of Transportation (DOT)

Proper Shipping Name: Aerosols, flammable (not exceeding 1L capacity)

Hazard Class: 2.1

UN/NA Number: UN1950

Packing Group: II

Labels Required: Flammable Gas

International Maritime Organization (IMDG)

Proper Shipping Name: Aerosols, flammable (not exceeding 1L capacity)

Hazard Class: Flammable Gas

UN/NA Number: UN1950

Packing Group: II

Labels Required: Flammable Gas

15. Regulatory Information

U.S. Federal Regulations

CERCLA: There is no designated reportable quantity (RQ) for this chemical. If appropriate, immediately report spills to the National Response Center (800/424-8802) as required by federal law. Also contact appropriate state and local regulatory agencies.

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory

Clean Water Act (CWA): No known components in this product are hazardous substances under the Clean Water Act. Consult Federal, State and local regulations for specific requirements.

CAA (CAA): No known components in this product are hazardous substances under the Clean Air Act. Consult Federal, State and local regulations for specific requirements.

SARA	Immediate:	No
	Delayed:	No
	Fire:	Yes
	Pressure:	Yes
	Reactivity:	No

This product contains the following toxic Chemicals:

Component	CAS number	Maximum
NONE	NONE	NONE

State Regulations

California: NONE

International Regulations

Canadian Environmental Protection Act: Class A Compressed Gas

Canadian Workplace Hazardous Materials Info Systems WHMIS Class B-1 Flammable Gas

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

EU Classification of Existing Chemicals (EINECS): All of the components of this product are included on EINECS.

EU Classification: F Flammable H None T yes N None

EU Risk R and Safety Phrases EU Hazard, Precaution, Risk and Safety Phrases:

H302 Harmful if Swallowed

H315 Causes Skin Irritation

Precautionary Statements

P262 Do not get in eyes, on skin or on clothing

P264 Wash hands thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P301 & P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Risk Statements

R10 Flammable

R22 Harmful if swallowed

R25 Toxic if swallowed

R36,38 Irritating to eyes and skin.

R51 Toxic to aquatic organisms

S02 Keep out of the reach of children

S16 Keep away from sources of ignition

S21 When using do not smoke

S24,25 Avoid contact with skin and eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable clothing, gloves and eye/face protection

16. Other Information

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 1

Flammability: 4

Reactivity: 0

Revision Indicator: New SDS Date 5/5/14

Disclaimer: The information contained herein is accurate to the best of our knowledge. West Sanitation Services, Inc. makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.