

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Liquid, mixture
 Product name. : Sani-Cide FSC
 Product group : Trade product
 Product code : LB-FSC
 Part number : LS-FSC series
 EPA Registration : 1839-189-42048

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/preparation : Sanitizer for food contact surfaces

1.2.2. Uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

Celeste Industries Corporation
 8221 Teal Drive, suite 405
 Easton, Maryland 21601 (USA)
 Within USA: (410) 822-5775
 International: 00 (1) 410-822-5775
 e-mail: info@celestecorp.com

1.4. Emergency telephone number

Emergency contact number : For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC (24 hours) within USA and CANADA: 1-800-424-9300
 Outside USA and Canada (collect call accepted): 1-703-527-3883

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified as hazardous

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified as hazardous

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Classification according to CLP Regulation (EC) No 1272/2008

No marking required

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alkyl dimethyl ethylbenzyl ammonium chloride	CAS# 68956-79-6 EC no. 273-318-2	0.01	Acute Tox. 4, H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alkyl dimethyl benzyl ammonium chloride	CAS# 68391-01-5 EC no. 269-919-4	0.01	Acute Tox. 4, H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.
- First-aid measures after skin contact : If splashed or spilled on skin, rinse with plenty of water.
- First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes.
- First-aid measures after ingestion : Seek medical attention immediately. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after skin contact : Skin areas may become irritated after prolonged direct contact.
- Symptoms/injuries after eye contact : May cause irritation or damage if spray directly into the eyes.
- Symptoms/injuries after inhalation : May cause chronic nasal passage, throat, or lung irritation if breathed over a prolonged period of time in the form of a mist.
- Symptoms/injuries after ingestion : Ingestion may cause irritation to respiratory tract and to other mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: : Water.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known.
- Reactivity : Stable under normal conditions.

5.3. Advice for firefighters

Protective equipment for firefighters : Extra personal protection: complete protective clothing including self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.
- Emergency procedures : Avoid contact with skin and eyes.

6.1.2. For emergency responders

- Protective equipment : Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.
- Emergency procedures : Avoid contact with skin and eyes. Do not allow uncontrolled leakage of product into the environment.

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, dike with dirt, then remove by vacuum truck for disposal.

6.4. Reference to other sections

Refer to sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures: : Provide adequate ventilation.
- Storage condition(s) : Store in dry, cool, well-ventilated area.

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according to Regulation (EC) No. 453/2010

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize vapour concentrations.
Personal protective equipment : Follow standard industrial hygiene practices; for normal or light use none required. Eye protection recommend in areas where splashing may occur and gloves recommended for prolonged use.



Hand protection : In case of repeated or prolonged contact wear gloves.
Eye protection : Use protective glasses when eye contact due to splashing is possible.
Skin and body protection : None generally required. Use plastic or rubber apron to protect clothing, if needed.
Respiratory protection : None generally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Clear, colourless
Odour : Mild
Odour threshold : No data available
pH : 5 - 7
Melting point : No data available
Solidification point : No data available
Boiling point : No data available
Flash point : > 93.9 °C
Relative evaporation rate (butylacetate=1) : 0
Flammability (solid, gas) : No data available
Explosive limits : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : 1.01 g/cm³
Solubility : Soluble in water
Log Pow : No data available
Log Kow : No data available
Self ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : Not explosive
Oxidising properties : Not oxidizing

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

No data available

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according to Regulation (EC) No. 453/2010

10.5. Incompatible materials

Strong oxidizing agents, strong reducing agents

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified (No classification for mutagenicity as none of the components is classified for mutagenicity)
Carcinogenicity	: Not classified (No classification for carcinogenicity as none of the components is classified for carcinogenicity)
Reproductive toxicity	: Not classified (No classification for reproduction as none of the components is toxic for reproduction)
Specific target organ toxicity (single exposure)	: Not classified (None of the components shows specific effects in acute toxicity studies requiring classification for Specific Target Organ Systemic Toxicity single exposure)
Specific target organ toxicity (repeated exposure)	: Not classified (None of the components shows specific effects in acute toxicity studies requiring classification for Specific Target Organ Systemic Toxicity repeated exposure)
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Readily biodegradable (OECD 301E)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Sani-Cide FSC

This substance/mixture does not meet the PBT criteria of REACH, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Dispose of contents/container to comply with applicable local, national and international regulations.
Waste disposal recommendations	: Comply with local regulations for disposal.

SECTION 14: Transport information

Not a dangerous good in sense of transport regulations

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

VOC content	: 0 %
Contains no REACH candidate substance	
Other regulations, restrictions and prohibition regulations	: Conforms to Regulation (EC) No. 1907/2006, Annex II (REACH), as amended by (EU) No. 453/2010.

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according to Regulation (EC) No. 453/2010

15.1.2. National regulations

No data available

15.2. Chemical safety assessment

CSA has not been established

SECTION 16: Other information

Sources of Key data

: SDS, ECHA.

Abbreviations and acronyms

: ACGIH (American Conference of Government Industrial Hygienists). ASTM - American Society for Testing and Materials . CAS - Chemical Abstracts Service. CLP - Classification, Labelling and Packaging. CSR - Chemical Safety Report. EEC - European Economic Community. EC - European Community. GHS - Globally Harmonised System. HMIS - Hazardous Materials Identification System. MSDS - Material Safety Data Sheet. OSHA - Occupational Safety and Health Administration. Overland transport (ADR). PEL- Permissible Exposure Level. REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals. Relat - Relative. SDS - Safety Data Sheet . STEL- Short-Term Exposure Limit . TLV- Threshold Limit Value. TWA- Time Weighted Average.