

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

1.1. Product identifier

Product form : Liquid, mixture
Product name. : Sani-Cide 32 EU
Product group : Trade product
Product code : LB-SCIDE32EU
Part number : LS-CIDE/EU series
EPA Registration : n/a (not for sale in U.S.A.)

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 : Ready-to-use disinfectant solution

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]

Eye Irrit. 2 H319
Skin Irrit. 2 H315

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available.

2.2. Label elements

Symbol and Nature of Warning / Danger :



Signal word : Warning

Hazard statements : H319 - Causes serious eye irritation.
: H315 – Causes skin irritation.

Precautionary statements : P262 – Do not get in eyes, on skin, or clothing.
: P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
: P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

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according to Regulation (EC) No. 453/2010

2.3. Other hazards

Product may cause skin irritation through prolonged and direct contact.

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]
Alcohols, C9-11, ethoxylated	(CAS No.) 68439-46-3 (EC No.) 614-482-0	<1%	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Alkyl dimethyl benzyl ammonium chloride (C12-16)	(CAS No.) 68424-85-1 (EC No.) 270-325-2	0.034%	Acute Tox. 3, H301, H311 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400
Octyl decyl dimethyl ammonium chloride	(CAS No.) 32426-11-2 (EC No.) 251-035-5	0.025%	Acute Tox. 4, H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400
Dioctyl dimethyl ammonium chloride	(CAS No.) 5538-94-3 (EC No.) 226-901-2	0.013%	Acute Tox. 4, H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400
Didecyl dimethyl ammonium chloride	(CAS No.) 7173-51-5 (EC No.)	0.013%	Acute Tox. 4, H302 Skin Corr. 1B, H314

Full text of R-, H- and EUH-phrases: see section 16.

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 to 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 immediate pain and severe burns of the 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.
- Unsuitable extinguishing media : None known.

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.

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6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

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.

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 : For general use, none normally required. To minimize contact, protective glasses and/or gloves.



Hand protection : In case of repeated or prolonged contact wear gloves.
Eye protection : Use splash goggles 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
Appearance : Thin, clear
Colour : Colourless
odour : Amine-like
Odour threshold : No data available
pH : 4 - 5
Relative evaporation rate (butylacetate=1) : 0
Melting point : No data available
Solidification point : No data available
Boiling point : No data available
Flash point : > 98.8 °C
Self ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Relative density : 1.01
Solubility : Soluble in water.
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : < 100 cps
Viscosity, dynamic : No data available

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Explosive properties : Not explosive
Oxidising properties : Not oxidizing
Explosive limits : No data available

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

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

Alcohols, C9-11, ethoxylated (68439-46-3)

LD50 oral rat	1378 mg/kg
LD50 dermal rabbit	> 2 g/kg

Skin corrosion/irritation : Not classified
pH: 4 - 5

Serious eye damage/irritation : Causes serious eye irritation
Alcohols, C9-11, ethoxylated is present at concentration > 1%, therefore the mixture is to be classified as eye irritant category 2
pH: 4 - 5

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 : Not classified.

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

No additional information available

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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

Contains no REACH candidate substance

Other regulations, restrictions and prohibition regulations : Compliance with following regulations: Regulation (EC) 1907/2006 as amended. Regulation (EC) 1272/2008 as amended. Directive 1999/45/EC as amended. Directive 67/548/EEC as amended.

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, MSDS

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.

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Irrit. 2	skin corrosion/irritation Category 2
Skin Corr. 1B	Skin corrosivity, Category 1
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P350	IF ON SKIN: Gently wash with plenty of soap and water
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

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