

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

**1.1. Product identifier**

Product form	: Mixture, liquid
Product name.	: Sani-Cide EX3 (EU - ready to use)
Product group	: Trade product
Product code	: ELB-XCIDE
Part number	: EU-SCIDEX3 series (European labeled product).
Registration number	: N-92331

**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 & cleaning 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 mixture**

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


Skin Irrit. 2, H315  
Eye Irrit. 2, H319

**Adverse physicochemical, human health and environmental effects**

No additional information available.

**2.2. Label elements**

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

Hazard Pictogram	: 
Signal Word	: Warning
Hazard Statement	: H315 – Causes skin irritation. H319 – May cause an allergic skin reaction.
Precaution Statement	: P102 – Keep out of reach of children. P264 – Wash hands thoroughly after handling. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 – IF ON SKIN: 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. P333 + P313 – If skin irritation or rash occurs: Get medical advice/treatment. P337 + P313 – If eye irritation persists: Get medical advice/treatment. P362 + P364 – Take off contaminated clothing and wash it before reuse.

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## 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]
2-bromo-2-nitropropane-1,3-diol	(CAS No.) 52-51-7 (EC no) 200-143-0	0.50%	Acute Tox. 4, H302 + H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
l-(+)-lactic acid	(CAS No.) 79-33-4 (EC no) 201-196-2	0.40%	Skin Irrit. 2, H315 Eye Dam. 1, H318
Dodecylbenzenesulphonic acid	(CAS No.) 27176-87-0 (EC no) 248-289-4	< 0.5%	Acute Tox. 4, H302 Skin Corr. 1B, H314
Sodium octane-1-sulphonate monohydrate	CAS No.) 5324-84-5 (EC no) 226-195-4	< 0.6%	Skin Irrit. 2, H315 Eye Dam. 1, H319

Full text of 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 : May cause skin irritation possible after contact.

Symptoms/injuries after eye contact : May cause mild irritation 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.

### 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 : Protective glasses and/or gloves should be worn to minimize prolonged contact.



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 : 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, transparent liquid  
Colour : Colorless to slight yellow tint  
odour : Characteristic  
Odour threshold : No data available  
pH : 2 - 3  
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 : 0.90 – 1.10  
Solubility : Disperses in water  
Log Pow : No data available  
Log Kow : No data available  
Viscosity, kinematic : < 100 cps

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Viscosity, dynamic	: No data available
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

No data available.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
LD50 oral rat	: Not classified
Serious eye damage/irritatio	: May cause eye irritation.
Respiratory or skin sensitisation	: May cause skin irritation or allergic reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No significant harmful effects anticipated.

### 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

### 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.

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Waste disposal recommendations : DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE AND DISPOSAL.

DISINFECTANT DISPOSAL:  
Use up product in accordance to use directions. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:  
Non-refillable container. Do not reuse or refill empty container. Triple rinse promptly, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## SECTION 14: Transport information

Not classified as dangerous for transport.

## 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 : Conforms to Regulation (EC) No. 1907/2006, Annex II (REACH), as amended by (EU) 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.

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. 2B	skin corrosion/irritation Category 2B
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 eye irritation.
P264	Wash hands thoroughly after handling
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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