

**SECTION 1: Product identifier****1.1. GHS Product identifier**

Product form : Mixture  
Product name : Sani - Tank 8000N  
Product code : Formula : LB-GLYVAK/TS  
Part No: (E) SP-8000N series

**1.2. Other means of identification**

No additional information available

**1.3. Recommended use of the chemical and restrictions on use**

Recommended use : Cleaning agent  
Restrictions on use : Industrial use

**1.4. Details of manufacturer or importer****Manufacturer**

Celeste Industries Corporation  
8007 Industrial Park Road  
Easton, Maryland 21601 USA  
T 1-410-822-5775  
[info@celestecorp.com](mailto:info@celestecorp.com) - [www.celestecorp.com](http://www.celestecorp.com)

**Distributor**

Boeing Distribution Australia Pty Ltd  
20-22 Lindaway Place  
Tullamarine, Vic 3043  
T 61-3-9339-3000 / 61-3-9338-9773  
[prc@boeing.com](mailto:prc@boeing.com)


**1.5. Emergency phone number**

Emergency 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: Hazard identification****2.1. Classification of the hazardous chemical****Classification according to the model Work Health and Safety Regulations (WHS Regulations)**

Corrosive to metals, Category 1	H290
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318

**2.2. GHS Label elements, including precautionary statements**

Hazard pictograms (GHS AU) : 

Signal word (GHS AU) : Danger

Contains : L-Lactic acid (5 – 10 %); Sodium 1-octanesulfonate (1 – 5 %); Sodium hydroxide (< 1 %); Poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates (< 1 %); Benzenesulfonic acid, C10-16-alkyl derivatives (< 1 %)

Hazard statements (GHS AU) : H290 - May be corrosive to metals  
H315 - Causes skin irritation  
H318 - Causes serious eye damage

Precautionary statements (GHS AU) : P234 - Keep only in original container.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.

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P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor.  
P390 - Absorb spillage to prevent material damage.

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition and information on ingredients

Name	CAS-No.	%
L-Lactic acid	79-33-4	5 – 10
Sodium xylenesulfonate	1300-72-7	1 – 5
Sodium 1-octanesulfonate	5324-84-5	1 – 5
Sodium hydroxide	1310-73-2	< 1
Non-hazardous or chemicals not contributing to final classification	Proprietary	To 100

Comments : \*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

### 4.2. Symptoms caused by exposure

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/effects after eye contact : Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 4.3. Medical attention and special treatment

Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water fog. Carbon dioxide (CO<sub>2</sub>), dry chemical powder, foam.

Unsuitable extinguishing media : Do not use water jet.

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### 5.2. Specific hazards arising from the chemical

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon, May release irritating fumes.
- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

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

### 6.3. Methods and materials for containment and cleaning up

- For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation. Absorb spillage to prevent material damage.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : May be corrosive to metals.
- Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
- Hygiene measures : Wash contaminated clothing before reuse. Wash hands, forearms and face thoroughly after handling. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store in corrosive resistant container with a resistant inner liner.
- Incompatible products : Refer to Section 10 on Incompatible Materials.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

No additional information available

### 8.2. Biological Monitoring

No additional information available

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### 8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Wear suitable gloves. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection : Wear eye/face protection

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Environmental exposure controls : Avoid release to the environment.

Other information : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance : No data available.

Colour : Amber tan

Odour : Odourless

Odour threshold : No data available

pH : 2.5 – 3.5

pH solution : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point / Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Flammability : Non flammable

Vapour pressure : No data available

Relative density : No data available

Density : Relative density: 0.95 – 1.05

Solubility : Soluble in water.

Partition coefficient n-octanol/water : No data available

Explosive properties : No data available

Explosive limits : No data available

Minimum ignition energy : No data available

Fat solubility : No data available

## SECTION 10: Stability and reactivity

Reactivity : No dangerous reactions known under normal conditions of use. May be corrosive to metals.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.

Conditions to avoid : Incompatible materials.

Incompatible materials : Strong oxidizing agents. Metals. Strong bases.

Hazardous decomposition products : May include, and are not limited to: oxides of carbon. Thermal decomposition generates : Corrosive vapours.

## SECTION 11: Toxicological information

Acute toxicity (oral) : Not classified.

Acute toxicity (dermal) : Not classified.

Acute toxicity (inhalation) : Not classified.

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<b>Sodium hydroxide (1310-73-2)</b>	
LD50 oral rat	325 mg/kg (Source: OECD_SIDS)
LD50 dermal rabbit	1350 mg/kg (Source: NLM_HSDDB)
<b>Sodium xylenesulfonate (1300-72-7)</b>	
LD50 oral rat	≥ 3346 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), 95% CL: 3196 - 3503
LD50 dermal rabbit	≥ 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity)
<b>L-Lactic acid (79-33-4)</b>	
LD50 oral rat	3730 mg/kg (Source: IUCLID)
LD50 dermal rabbit	> 2000 mg/kg (Source: NICNAS)
LC50 inhalation rat	> 7.94 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
Skin corrosion/irritation	: Causes skin irritation. pH: 2.5 – 3.5 (On the basis of test data)
Serious eye damage/irritation	: Causes serious eye damage. pH: 2.5 – 3.5
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
<b>Sodium xylenesulfonate (1300-72-7)</b>	
NOAEL (chronic, oral, animal/female, 2 years)	≥ 60 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
<b>Sodium hydroxide (1310-73-2)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified.
<b>Sodium xylenesulfonate (1300-72-7)</b>	
NOAEL (oral, rat, 90 days)	763 – 3534 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
<b>Sodium 1-octanesulfonate (5324-84-5)</b>	
NOAEL (oral, rat, 90 days)	> 430 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Aspiration hazard	: Not classified.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye

## SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

### 12.1. Ecotoxicity

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.
Other information	: No other effects known.

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<b>Sodium hydroxide (1310-73-2)</b>	
LC50 - Fish [1]	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)
EC50 - Crustacea [1]	40 mg/l
<b>Sodium xylenesulfonate (1300-72-7)</b>	
LC50 - Fish [1]	≥ 1580 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 1020 mg/l Test organisms (species): Daphnia magna
Partition coefficient n-octanol/water	-3.12 (at 20 °C (at pH 11.96))
<b>Sodium 1-octanesulfonate (5324-84-5)</b>	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	421 mg/l Test organisms (species): Daphnia magna
<b>L-Lactic acid (79-33-4)</b>	
LC50 - Fish [1]	320 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static] Source: IUCLID)
LC50 - Fish [2]	100 – 180 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 - Crustacea [1]	240 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	180 – 320 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Partition coefficient n-octanol/water	-0.54 (at 25 °C)
<b>12.2. Persistence and degradability</b>	
<b>Sani - Tank 8000N</b>	
Persistence and degradability	Not established.
<b>Sodium hydroxide (1310-73-2)</b>	
Persistence and degradability	Rapidly degradable
<b>Sodium xylenesulfonate (1300-72-7)</b>	
Persistence and degradability	Rapidly degradable
<b>Sodium 1-octanesulfonate (5324-84-5)</b>	
Persistence and degradability	Rapidly degradable
<b>L-Lactic acid (79-33-4)</b>	
Persistence and degradability	Rapidly degradable
<b>12.3. Bioaccumulative potential</b>	
<b>Sani - Tank 8000N</b>	
Bioaccumulative potential	Not established.
<b>Sodium xylenesulfonate (1300-72-7)</b>	
Partition coefficient n-octanol/water	-3.12 (at 20 °C (at pH 11.96))
<b>L-Lactic acid (79-33-4)</b>	
Partition coefficient n-octanol/water	-0.54 (at 25 °C)

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### 12.4. Mobility in soil

#### Sodium xylenesulfonate (1300-72-7)

Partition coefficient n-octanol/water : -3.12 (at 20 °C (at pH 11.96))

#### L-Lactic acid (79-33-4)

Partition coefficient n-octanol/water : -0.54 (at 25 °C)

### 12.5. Other adverse effects

Ozone : Not classified.

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Fluorinated greenhouse gases : False

#### Sodium hydroxide (1310-73-2)

Fluorinated greenhouse gases : False

#### Sodium xylenesulfonate (1300-72-7)

Fluorinated greenhouse gases : False

#### Sodium 1-octanesulfonate (5324-84-5)

Fluorinated greenhouse gases : False

#### L-Lactic acid (79-33-4)

Fluorinated greenhouse gases : False

## SECTION 13: Disposal considerations

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. The generation of waste should be avoided or minimized wherever possible.

## SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

### 14.1. UN number

UN-No. (ADG) : Not applicable  
UN-No. (IMDG) : 1760  
UN-No. (IATA) : 1760

### 14.2. UN Proper Shipping Name

Proper Shipping Name (ADG) : Not applicable  
Proper Shipping Name (IMDG) : CORROSIVE LIQUID, N.O.S. ((L(+)-lactic Acid))  
Proper Shipping Name (IATA) : Corrosive liquid, n.o.s. ((L(+)-lactic Acid))  
Transport document description (IMDG) : UN 1760 CORROSIVE LIQUID, N.O.S. ((L(+)-lactic Acid)), 8, III  
Transport document description (IATA) : UN 1760 Corrosive liquid, n.o.s. ((L(+)-lactic Acid)), 8, III

### 14.3. Transport hazard class(es)

**ADG**  
Transport hazard class(es) (ADG) : Not applicable

**IMDG**  
Transport hazard class(es) (IMDG) : 8  
Danger labels (IMDG) : 8

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### IATA

Transport hazard class(es) (IATA) : 8

Danger labels (IATA) : 8



### 14.4. Packing group

Packing group (ADG) : Not applicable

Packing group (IMDG) : III

Packing group (IATA) : III

### 14.5. Environmental hazards

Marine pollutant : No

Dangerous for the environment : No

Other information : No supplementary information available.

### 14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available.

Special transport precautions : Do not handle until all safety precautions have been read and understood.

### Transport by road and rail

Not applicable

### Transport by sea

UN-No. (IMDG) : 1760

### Air transport

UN-No. (IATA) : 1760

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 21/06/2024

Expiry date : 21/06/2029

Other information : None.

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Prepared by

: Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



Classification	
Met. Corr. 1	H290
Skin Irrit. 2	H315
Eye Dam. 1	H318

Full text of H-statements	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation

Safety Data Sheet (SDS), Australia

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