LINCOLN MFG-USA®

Linatural® MBS Powder

Issue date: 5/7/2020

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

SECTION 1: Identification

1.1. Identification

Product form : Substance (Mixture)

Trade name : Sodium Anisate, Capryloyl Glycine

Chemical name: : p-methoxybenzoic acid sodium salt, acetyl carboxymethyl capryloyl glycine

CAS No : 536-45-8, 14246-53-8

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

Use of the substance/mixture : preservative in cosmetics and personal care products

1.3. Details of the supplier of the safety data sheet

Lincoln Manufacturing
151 Ocean State Drive, Unit A
North Kingstown, RI 02852
401-599-7011
CustomerService@LincolnMfg-USA.com

1.4. Emergency telephone number

Emergency number : Chemtrec: 800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Acute Tox. 4	H302 -	Harmful if swallowed
Skin Irrit. 2	H315 -	Causes skin irritation
Eye Irrit. 2	H318 -	Causes serious eye damage
STOT SE 3	H335 -	May cause respiratory irritation

Full text of H-statements: see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H302 - Harmful if swallowed
H315 - Causes skinirritation
H319 - Causes serious eye damage
H335 - May cause respiratory irritation

Precautionary statements (GHS-US) : P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P280 - Wear face protection, eye protection, face shield, protective clothing, protective gloves
P301+P310 - If swallowed: Immediately call a POISON CENTER
P302+P352 - If on skin: Wash with plenty of soap
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P330 - Rinse mouth
P332+P313 - If skin irritation occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse

P391 - Collect spillage
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P501 - Dispose of contents/container to comply with applicable local, national and international regulation.

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	GHS-US classification
Sodium Anisate (Main constituent)	(CAS No) 536-45-8	70 - 80	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 2, H319 STOT SE 3, H335
Capryloyl Glycine	(CAS No) 14246-53-8	20 - 30	

Full text of H-statements: see section 16

3.2. Mixture
Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Allow breathing of fresh air. Allow the victim to rest.
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries : Large quantities may cause nausea, vomiting, collapse, convulsions and coma.
Symptoms/injuries after inhalation : May produce an allergic reaction. May be irritating to the mucous membranes and to the respiratory system.
Symptoms/injuries after skin contact : Toxic in contact with skin. Severe skin irritant.
Symptoms/injuries after eye contact : Eye exposure may cause effects ranging from mild discomfort (0.1% solutions) to very serious corneal damage (10% solutions).
Symptoms/injuries after ingestion : Toxic if swallowed. irritation of mucous membranes. May cause nausea, vomiting and diarrhea.
Chronic symptoms : Chronic exposure is not expected to result in serious adverse effects.

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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture
Reactivity : Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Nitrogen oxides (NOx).

5.3. Advice for firefighters
Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Evacuate area. Do not allow run-off from fire-fighting to enter drains or water courses.
Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : For small spills, absorb or cover with dry earth, sand, or other inert non-combustible absorbent material and place into waste containers for later disposal. Avoid breathing dust. Avoid contact with skin, eyes and clothing. For larger spills, dike area and pump into waste containers. . Contain large spills to maximize product recovery or disposal. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Remove all sources of ignition. Shovel material into a convenient waste disposal container. . Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified
in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority. Use personal protective equipment as required. For further information refer to section 8 : Exposure-controls/personal protection.

6.1.1. For non-emergency personnel

Protective equipment : Wear a NIOSH approved respirator if dust will be generated in clean-up.

Emergency procedures : Evacuate unnecessary personnel. Avoid breathing dust.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Wet clean or vacuum up solids. Small spills: Large spills: Take up large spills with pump or vacuum. For larger spills, dike area and pump into waste containers. . Dispose of this material and its container to hazardous or special waste collection point.

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials. Use clean-up methods that avoid dust generation (vacuum wet).

6.4. Reference to other sections

see Section 1 for emergency contact
information. For disposal of residues refer to section 13 : Disposal considerations. For further information refer to section 8 : Exposure-controls/personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Handle in accordance with good industrial hygiene and safety procedures.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Ignition sources, Heat sources, Water, humidity, Incompatible materials. Keep container closed when not in use.

Packaging materials : High density polyethylene (HDPE). Keep only in the original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. In case of inadequate ventilation wear respiratory protection. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Handle in accordance with good industrial hygiene and safety procedures.

Personal protective equipment	: Avoid all unnecessary exposure.
Materials for protective clothing	: According to the conditions of use, protective gloves, apron, boots, head and face protection must be worn. In case of repeated or prolonged exposure use Chemical resistant protective apron/clothing (tested to EN 14605 or equivalent);Chemical resistant gloves (according to European standard EN 374 or equivalent).
Hand protection	: Wear protective gloves. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. It is a good industrial hygiene practice to minimize skin contact.
Eye protection	: Chemical goggles or safety glasses. Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.
Skin and body protection	: Use chemically protective clothing. Boots.
Respiratory protection	: Respirators should be used in accordance with OSHA requirements (29 CFR 1910.134). Wear appropriate mask. (NIOSH-approved). half-mask with filter according to EN 149. If there is any possibility of uncontrolled emissions or entering in instances where the exposure levels are unknown use a full-face piece positive-pressure, air-supplied respirator.
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Color	: white to off white
Odor	: characteristic
Odor threshold	: No data available
pH	: 5 (≥ 5.4) 20% solution at 20 Deg. C
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Relative vapour density at 20 °C	: No data available
Solubility	: Soluble in water. Soluble in chloroform. Ether: Slightly Soluble
Log Pow	: 1.71
Auto-ignition temperature	: No data available
Decomposition temperature	: 234 °C
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Nitrogen oxides (NOx).

10.2. Chemical stability

Stable at normal temperatures and pressures.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur. Reacts with: Incompatible materials.

10.4. Conditions to avoid

High temperature. high humidity. Mechanical impact. Avoid static electricity discharges. Avoid ignition sources.

10.5. Incompatible materials

Acid anhydrides. Acids. Strong oxidizing agents. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. Nitrogen oxides (NOx). Hydrogen chloride (HCl).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Sodium Anisate (536-45-8)	
LD50 oral Mouse	400 mg/kg
LC50 inhalation rat (mg/l)	No Data Available
ATE US (oral)	No Data Available
ATE US (gases)	No Data Available
ATE US (vapours)	No Data Available
ATE US (dust, mist)	No Data Available

Capryloyl Glycine (14246-53-8)	
LD50 oral rat	>10,000 mg/kg
LC50 inhalation rat (mg/l)	No Data Available
ATE US (oral)	No Data Available
ATE US (gases)	No Data Available
ATE US (vapours)	No Data Available
ATE US (dust, mist)	No Data Available
LD50 dermal	>2000mg/kg (rat)

Skin corrosion/irritation : Causes skin irritation.
pH: 5 (≥ 5.4) 20% solution at 20 Deg. C

Serious eye damage/irritation : Causes eye irritation.
pH: 5 (≥ 5.4) 20% solution at 20 Deg. C

Respiratory or skin sensitization : Sensitization possible

Germ cell mutagenicity : Not classified
Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Reproductive toxicity : Not classified
Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : May cause respiratory irritation.

Specific target organ toxicity (repeated exposure) : Not classified
(Lack of data)

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : May produce an allergic reaction. May be irritating to the mucous membranes and to the respiratory system.

Symptoms/injuries after skin contact : Toxic in contact with skin. Severe skin irritant.

Symptoms/injuries after eye contact : Eye exposure may cause effects ranging from mild discomfort (0.1% solutions) to very serious

Symptoms/injuries after ingestion : Toxic if swallowed. irritation of mucous membranes. May cause nausea vomiting and diarrhea.

SECTION 12: Ecological information

Sodium Anisate (536-45-8**) Capryloyl Glycine (**14246-53-8**)**	
Persistence and degradability	No data available

Sodium Anisate (536-45-8**) Capryloyl Glycine (**14246-53-8**)**	
Bioconcentration factor (BCF REACH)	No data available
Log Kow	No data available
Bioaccumulative potential	No data available

Sodium Anisate (536-45-8**) Capryloyl Glycine (**14246-53-8**)**	
Mobility in soil	No data available
Log Koc	No data available

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with applicable local, national and international regulations.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

HAZARD CLASS: Not regulated

ID NUMBER: Not regulated

PACKING GROUP: Not regulated

LABEL STATEMENTS: N/A

SECTION 15: Regulatory information

15.1. US Federal Regulations

OSHA Hazards: None

SARA 311/312 Hazards: None

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, section 302

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (DE Minimus) reporting levels established by SARA Title III, Section 313

Clean Water Act: This product does not contain and hazardous substance listed under the US Clean Water Act Section 311, Table 115.4A and 117.3

DEA List I and II: Not listed

Right to Know: Massachusetts: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania, New Jersey: 4-methoxybenzoic acid sodium salt.

California: This product does not contain any chemicals known to the state of California to cause cancer, birth or reproductive defects.

TASCA: Not listed on TASCA inventory

SECTION 16: Other Information

Provide adequate training, instruction and information for operators

DISCLAIMER: The information contained herein is based on current knowledge and experience and from tests performed in a controlled environment. No responsibility is accepted that the information is sufficient, complete or correct in all cases. Users should consider the data only as a supplement to other information. Product specifications should be verified by users prior to usage. Users should make independent determination of suitability and completeness of information from all sources to assure proper use of this product and the safety of User's customers. Users should be aware that results may vary depending on use. 6-18-2020 NP