



CASTORLATUM™

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 12/16/2022 Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : CASTORLATUM™
Synonyms : Fatty acid mixture

1.2. Recommended use and restrictions on use

Recommended use : Cosmetics, personal care products

1.3. Supplier

Aurorium
201 North Illinois Street, Suite 1800
Indianapolis, Indiana 46204, USA
T: +1-317-247-8141
SDS@aurorium.com

1.4. Emergency telephone number

Emergency number : Aurorium: +1-336-292-1781
CHEMTREC (USA): +1-800-424-9300
CHEMTREC (International):+1-703-527-3887

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Castor Oil	CAS-No.: 8001-79-4	Trade Secret	Not classified

CASTORLATUM™

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS US classification
Castor Oil, Hydrogenated	CAS-No.: 8001-78-3	Trade Secret	Not classified

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

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice. First aider: Pay attention to self-protection. Wear gloves.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth out with water. Do NOT induce vomiting. Get medical advice/attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	: May cause slight temporary irritation.
Chronic symptoms	: No chronic health hazards are likely for this material.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Foam. Carbon dioxide (CO ₂). Dry chemical.
Unsuitable extinguishing media	: Do not use a water jet since it may cause the fire to spread.

5.2. Specific hazards arising from the chemical

Fire hazard	: Not flammable.
Explosion hazard	: Product is not explosive.
Hazardous decomposition products in case of fire	: Carbon dioxide. Carbon monoxide.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire with normal precautions from a reasonable distance.
Protection during firefighting	: Wear recommended personal protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Ventilate spillage area. Mark out the contaminated area with signs and prevent access to unauthorized personnel.
------------------	--

6.1.1. For non-emergency personnel

Emergency procedures	: Do not get in eyes, on skin, or on clothing. Avoid breathing vapors. Evacuate unnecessary personnel.
----------------------	--

6.1.2. For emergency responders

Emergency procedures	: Do not attempt to take action without suitable protective equipment.
----------------------	--

CASTORLATUM™

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.2. Environmental precautions

Do not allow product to spread into the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Absorb spilled material with sand or earth. Shovel into suitable and closed container for disposal. Wash contaminated area with large amounts of water.
Other information	: Collect all waste in suitable and labeled containers and dispose according to local legislation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For waste disposal after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Wear personal protective equipment. Avoid any direct contact with the product.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a dry place. Store in a closed container. Store in a well-ventilated place.
Incompatible products	: Strong acids. Strong bases. Strong oxidizers.
Incompatible materials	: None known.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

CASTORLATUM™

No additional information available

Castor Oil (8001-79-4)

No additional information available

Castor Oil, Hydrogenated (8001-78-3)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	: Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
----------------------------------	---

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Chemically resistant protective gloves. Neoprene protective gloves. Nitrile rubber gloves. Protective gloves made of PVC

Eye protection:

Chemical goggles or face shield. EN 166

CASTORLATUM™

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Skin and body protection:

Long sleeved protective clothing. Chemical resistant safety shoes

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Semi-solid.
Color	: Yellow
Odor	: Mild odor Fatty acids
Odor threshold	: No data available
pH	: Not applicable
Melting point	: -28 °C
Freezing point	: -28 °C
Boiling point	: > 300 °C
Flash point	: 294 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 0.1 mm Hg (25°C)
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 0.963 g/cm ³
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: Not applicable (UVCB)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: Not applicable.
Oxidizing properties	: Not applicable.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

10.4. Conditions to avoid

Overheating. Open flame.

CASTORLATUM™

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Castor Oil (8001-79-4)

LD50 oral rat	> 5000 mg/kg
---------------	--------------

Castor Oil, Hydrogenated (8001-78-3)

LD50 oral rat	> 20000 mg/kg body weight OECD 401
---------------	------------------------------------

LD50 dermal rat	> 2000 mg/kg body weight
-----------------	--------------------------

Skin corrosion/irritation : Not classified
pH: Not applicable

Serious eye damage/irritation : Not classified
pH: Not applicable

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Symptoms/effects : May cause slight temporary irritation.

Chronic symptoms : No chronic health hazards are likely for this material.

SECTION 12: Ecological information

12.1. Toxicity

Castor Oil, Hydrogenated (8001-78-3)

LC50 - Fish [1]	> 10000 mg/l Danio rerio (Brachydanio rerio)
EC50 - Crustacea [1]	> 100 mg/l ECHA
EC50 72h - Algae [1]	> 100 mg/l Desmodesmus subspicatus (Scenedesmus subspicatus)
ErC50 algae	> 0.01 mg/l ECHA
LOEC (chronic)	> 0.01 mg/l Daphnia magna
NOEC (chronic)	≥ 0.01 mg/l Daphnia magna

CASTORLATUM™

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

12.2. Persistence and degradability

CASTORLATUM™	
Persistence and degradability	Readily biodegradable. REACH data - Chemical category.
Castor Oil (8001-79-4)	
Not rapidly degradable	
Castor Oil, Hydrogenated (8001-78-3)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

CASTORLATUM™	
Partition coefficient n-octanol/water (Log Pow)	Not applicable (UVCB)
Bioaccumulative potential	Bioaccumulation is not expected to occur.
Castor Oil (8001-79-4)	
Bioaccumulative potential	Bioaccumulation is not expected to occur.
Castor Oil, Hydrogenated (8001-78-3)	
Partition coefficient n-octanol/water (Log Pow)	18.75 ECHA
Partition coefficient n-octanol/water (Log Kow)	> 5
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

CASTORLATUM™	
Mobility in soil	Insoluble in water. Product adsorbs onto the soil.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Dispose in a safe manner in accordance with local/national regulations.
Sewage disposal recommendations	: Do not dispose of waste into sewer.
Product/Packaging disposal recommendations	: Dispose of contents or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		

CASTORLATUM™

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

DOT	IMDG	IATA
14.2. Proper Shipping Name		
Not applicable	Not applicable	Not applicable
Transport document description		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Not applicable	Not applicable	Not applicable
No supplementary information available		

14.6. Special precautions for user

DOT

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Castor Oil	8001-79-4	Present	Active	
Castor Oil, Hydrogenated	8001-78-3	Present	Active	

This product or mixture is NOT known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

CASTORLATUM™

Listed on the Canadian DSL (Domestic Substances List)

CASTORLATUM™

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Castor Oil (8001-79-4)

Listed on the Canadian DSL (Domestic Substances List)

Castor Oil, Hydrogenated (8001-78-3)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

CASTORLATUM™

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Castor Oil (8001-79-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Castor Oil, Hydrogenated (8001-78-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

CASTORLATUM™

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Castor Oil (8001-79-4)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Castor Oil, Hydrogenated (8001-78-3)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

CASTORLATUM™

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information : ™ Indicates a proprietary trademark, registered in the US and/or elsewhere.

Safety Data Sheet (SDS), USA

Important Note: Please note that the information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. The information contained herein may change without prior notice. THIS SAFETY DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS.