

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Europe

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EDENOR® C14-99 MY

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

Product name : EDENOR® C14-99 MY
General chemical characteristics : myristic acid
Usage : Oleochemical raw material
Company Name : The Soap Kitchen, Unit 8 Caddstown
Industrial Park, Clovelly Road, Bideford,
EX39 3DX

Emergency phone: : 01237 420872

2. HAZARDS IDENTIFICATION

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

Not classified.

Ingredients of unknown toxicity :
Ingredients of unknown ecotoxicity :
Hazard pictograms :
Signal word : No signal word.
Hazard statements : This product is not classified according to EU legislation.
Precautionary statements :

3. COMPOSITION/INFORMATION ON INGREDIENTS

General chemical characteristics : myristic acid

4. FIRST AID MEASURES

General recommendation : If you feel unwell, seek medical attention and show the label when possible.
Inhalation : Not applicable.
Ingestion : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if symptoms occur.
Skin contact : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable** : In case of fire, use water spray (fog), foam, dry chemical or CO₂.
- Not suitable** : None known.
- special hazard** : None known.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Put on appropriate personal protective equipment (see Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Spill** : Vacuum or sweep up material and place in a designated, labeled waste container.

7. HANDLING AND STORAGE

- Handling** : No special measures required.
- Storage** : Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

- Respiratory protection** : Not necessary
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection** : Protective goggles
- Skin protection** : Wear suitable protective clothing.
- Advice on general occupational hygiene** : Do not eat, drink or smoke when using this product.

Exposure limit values

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
No exposure limit value known.	

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Solid. [depends on delivery temperature]
- Density** : 0.88 g/cm³ [40°C (104°F)]
- Color** : White.
- Odor** : Faint odor.
- Flash point** : Open cup: >165°C (>329°F) [ISO 2592]

10. STABILITY AND REACTIVITY

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.

10. STABILITY AND REACTIVITY

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATIONAcute toxicity

Product/ingredient name	Method Detail	Result	Species	Dose	Exposure
MYRISTIC ACID	Analogy	LD50 Oral	Rat	>5000 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Method Detail	Result	Species	Score	Exposure	Observation
MYRISTIC ACID	-	Eyes - Mild irritant	Rabbit	-	-	-
	-	Skin - Moderate irritant	Human	-	-	-
	OECD 404 Acute Dermal Irritation/Corrosion Analogy	Skin - Edema	Rabbit	0	-	-
	OECD 405 Acute Eye Irritation/Corrosion Analogy	Eyes - Cornea opacity	Rabbit	0	-	-

Sensitizer

Not available.

Carcinogenicity

Not available.

Mutagenicity

Product/ingredient name	Method Detail	Experiment	Result
MYRISTIC ACID	OECD 476 <i>In vitro</i> Mammalian Cell Gene Mutation Test Analogy	Experiment: In vitro Subject: Mammalian-Animal	Negative

Conclusion/Summary : No mutagenic effect. Analogy

Teratogenicity

Not available.

Reproductive toxicity

Not available.

STOT - Specific target organ toxicity (single exposure)

Not available.

STOT - Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

This product is not classified as dangerous. Thus, no further toxicological data/ecotoxicological data are reported.

12. ECOLOGICAL INFORMATIONAquatic ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
MYRISTIC ACID	Analogy	Acute LC50 >100 mg/l	Fish	96 hours

Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
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12. ECOLOGICAL INFORMATION

MYRISTIC ACID OECD 301D >80 % - Readily - -
 Ready 10 days
 Biodegradability -
 Closed Bottle
 Test Analogy

Conclusion/Summary : This product is readily biodegradable.

Bioaccumulative potential

Product/ingredient name	LogP_{ow}	BCF	Potential
myristic acid	6.11	-	high

Results of PBT and vPvB assessment

PBT : Not available.
 P: Not available. B: Not available. T: Not available.

vPvB : Not available.
 vP: Not available. vB: Not available.

13. DISPOSAL CONSIDERATIONS

Methods of disposal : Contact your local Environmental Agency Office if in doubt. Incinerate waste materials.

14. TRANSPORT INFORMATION

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-		- ADR Tunnel Code: (-)
ADN Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA Class	Not regulated.	-	-	-		-

PG* : Packing group

15. REGULATORY INFORMATION

For the classification and labelling of the product see section 2.

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

Hazard statements : This product is not classified according to EU legislation.

Precautionary statements :

History

Date of printing : 15.06.2015
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Date of previous issue : 15.06.2015
Version : 2

Indicates information that has changed from previously issued version.

Notice to reader

Date of issue/Date of revision : 15.06.2015

16. OTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.