



Certificate of Analysis

Name: Stearic Acid

Batch: 4478404

Test parameter	Unit	Specification	Result
Acid Value	mg KOH/g	205 – 211	207.4
Saponification Value	mg KOH/g	206 – 212	208.6
Iodine Value	g l/100g	Max. 0.5	0.13
Titre	°C	54 - 57	55.9
Colour Lovibond			
5 ¼ " cell – Y		Max. 3.0	0.3
5 ¼ " cell – R		Max. 0.3	0.1
Chain Distribution			
C12 & C14	%	Max. 2.5	0.4
C16	%	43 – 51	46.5
C18	%	47 – 54	52.7
Others	%	Max. 1.0	0.5

Best Before date: August 2025



Allergen Statement

Stearic Acid

We certify that Stearic Acid does not contain the below 26 allergens as added component:

1. Amyl cinnamal
2. Benzyl alcohol
3. Cinnamyl alcohol
4. Citral
5. Eugenol
6. Hydroxyl-citronella
7. Isoeugenol
8. Amylcin-anmyl alcohol
9. Benzyl salicylate
10. Cinnamal
11. Coumarin (cyclohexen-1-yl)-3-buten-2-one
12. Geraniol
13. Hydroxy-methylpentylcyclohexenecarboxaldehyd
14. Anisyl alcohol
15. Benzyl cinnamate
16. Farnesol
17. 2-(4-tert-Butylbenzyl) propionald-hyd
18. Linalool
19. Benzyl benzoate
20. Citronellol
21. Hexyl cinnam-aldehyd
22. d-Limonene
23. Methyl heptin carbonate
24. 3-Methyl-4-(2, 6, 6 tri-methyl-2-)
25. Oak moss and treemoss extract
26. Treemoss extract

03/04/2020



CMR Free Statement

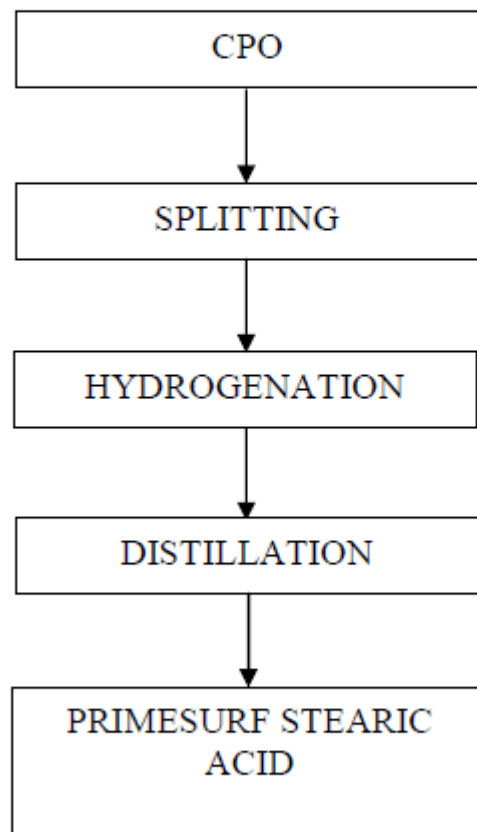
Stearic Acid

We declare and certify that Stearic Acid does not contain any CMR (Carcinogenic, Mutagenic, Toxic to Reproduction) substances as listed according to Regulation (EC) No 1907/2006 of The European Parliament

22/03/2021



Process Flowchart - Stearic Acid



15/10/2021



GMO free Statement

Stearic Acid

Madar Corporation Limited declare and certify that Stearic Acid products are GMO free

27/01/2020



Country of Origin Statement

Stearic Acid

We hereby certify that the country of origin for Stearic Acid is Indonesia.

03/04/2020

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: Stearic Acid Fatty
- Chemical Name: acids, C16-18
- CAS Number: 67701-03-5
- EC Number: 266-928-5
- REACH Registration Number: 01-2119543709-29-0011
- Synonyms:

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

- Use of the substance/mixture: Additive in detergents, body washing products, cosmetics and other industrial/commercial use.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Madar Corporation Limited
19 - 20 Sandleheath Industrial Estate
Fordingbridge
SP6 1PA
- Telephone: + 44 (0) 1425 655 555
-
- Email: technical@madarcorporation.co.uk

1.4 Emergency telephone number

- Emergency Telephone: + 44 (0) 1425 655555 (9AM-5PM)
24hr Emergency Telephone Number +44 (0) 1270 502891

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

- CLP: Non hazardous classification according to CLP (EC No 1272/2008)

2.2 Label elements

- Signal Word: None

2.2.1 Hazard statements

None assigned

2.2.2 Precautionary statements

None assigned

2.3 Other hazards

SECTION 2: Hazards identification (....)

- No other hazards
-

SECTION 3: Composition/information on ingredients**3.1 Substances****3.1.1 Fatty Acids, C16-18**

CAS Number: 67701-03-5

EC Number: 266-928-5

3.2 Mixtures

- Not applicable
-

SECTION 4: First aid measures**4.1 Description of first aid measures**

- In case of persisting adverse effects, consult a physician.
- Remove contaminated clothing and shoes immediately, and launder before re-using

4.1.1 Contact with eyes

Remove contact lens. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

Seek medical attention if irritation persists

4.1.2 Contact with skin

Wash area with soap and water.

4.1.3 Ingestion

Rinse mouth and drink large quantities of water.

Do not induce vomiting

Never give anything by mouth to an unconscious person

4.1.4 Inhalation

Move affected person to fresh air

4.2 Most important symptoms and effects, both acute and delayed

- No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 4: First aid measures (....)

- Treat symptomatically
-

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Suitable extinguishing media: Alcohol-resistant foam, Carbon dioxide (CO₂), Dry chemical extinguisher, Water spray jet
- Unsuitable extinguishing media: High power water jet

5.2 Special hazards arising from the substance or mixture

- Carbon dioxide / Carbon monoxide

5.3 Advice for firefighters

- Use self-contained breathing apparatus and full-body protective clothing.
-

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- See protective measures under point 7 and 8
- Avoid contact with skin, eyes and clothing.
- High risk of slipping due to leakage/spilling of product
- For emergency personnel: No data available. Personal protective equipment (PPE) – see section 8.

6.2 Environmental precautions

- Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

- Pick up mechanically
- When picked up, treat material as prescribed under heading "Disposal considerations". Avoid raising dust.

6.4 Reference to other sections

- No data available
-

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Ensure adequate ventilation
 - Avoid inhalation of dust.
 - Avoid contact with skin, eyes and clothing.
-

SECTION 7: Handling and storage (....)

- Do not eat, drink or smoke during work time.
- Keep away from foodstuffs and beverages
- Avoid contact with skin and eyes
- Remove soiled or soaked clothing immediately
- Provide eye wash fountain in work area.
- Keep ignition sources away - DO NOT smoke
- Take precautionary measures against static charges. Dust can form an explosive mixture with air.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed in a dry and well-ventilated place
- Protect from heat and direct sunlight.
- Do not store together with: Alkalis: Oxidizing agents

7.3 Specific end use(s)

- See Section 1
- No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 DNEL/DMEL

DNEL (Dermal) Long term (chronic) 63.75 mg/kg/day workers, systemic

DNEL (Dermal) Long term Chronic) 31.88 mg/kg/day consumers, systemic

PNEC: sewage treatment plant 1 mg/l

PNEC: water (freshwater) 0.01 mg/l

8.1.2 PNEC

8.2 Exposure controls



Gloves



Goggles



Respirator



Suit

- Eye/Face Protection: Tightly sealed goggles according to EN 166
- Respiratory Protection: If work place exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified

Hand protection:

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of

SECTION 8: Exposure controls/personal protection (....)

risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, produce compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate material: Butyl rubber and Nitrile rubber.

8.3 Environmental exposure controls

- No information available
-

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Appearance: Solid
- Colour: No information available
- Odour: No data available
- pH: Not applicable
- Melting point/Range: 53 - 63°C
- Boiling Point/Range: 200 - 240°C
- Solubility in water: < 0.05 mg/l @ 20°C
- Density: 0.8 - 0.9 g/cm³ [20°C]
- Flashpoint: 180 - 202°C
- Auto-Ignition Temperature: 350°C
- Explosive Properties: Not explosive
- Upper Explosive Limit: Not determined
- Oxidising Properties: No oxidising properties
- Vapour Pressure: No information available
- Vapour Density: Not available
- Partition Coefficient (n-Octanol/Water): Log Pow 7.05-8.23.

9.2 Other information

- No further relevant information available.
-

SECTION 10: Stability and reactivity**10.1 Reactivity**

- No data available

10.2 Chemical stability

- Stable under recommended storage and handling conditions

10.3 Possibility of hazardous reactions

SECTION 10: Stability and reactivity (....)

- No data available

10.4 Conditions to avoid

- Heat; protect from sun

10.5 Incompatible materials

- Alkalis and oxidizing agents

10.6 Hazardous decomposition products

- No data available
-

SECTION 11: Toxicological information**11.1 Information on toxicological effects****11.1.1 Fatty acids C16-18**

Acute oral toxicity
LD50 rat: > 5000 mg/kg
CAS 57-10-3
OECD 401

Acute dermal toxicity
LC50 rabbit: > 2000 mg/kg
CAS 57-11-4
OECD 434

Acute inhalational toxicity
LC50 rat: > 0.1621 mg/l 4hr
CAS 124-07-2

11.2 Serious eye damage/irritation

Rabbit
CAS 57-10-3
OECD 405
non irritant

11.3 Skin corrosion/irritation

Skin corrosion/irritation
Rabbit 4hrs
CAS 57-10-3
OECD 404
non irritant

11.4 Ingestion

- No data available

11.5 Inhalation

Respiratory or skin sensitisation

SECTION 11: Toxicological information (....)

Skin guinea pig
CAS 334-48-5
Buehler
non sensitizing

11.6 Carcinogenicity

- No data available.

11.7 Germ cell mutagenicity

- No data available

11.8 Teratogenicity

- Reproductive toxicity: Oral (rat) NOAEL 1000 mg/kg 42 days. CAS 112-85-6 OECD 422
-

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)
LD50: /48h > 1000mg/l *Leuciscus idus* (OECD 203)

Toxicity to *Daphnia* (acute)
EC50 *Daphnia magna*: > 4.8 mg/l 48hr
CAS: 57-10-3
OECD 202

Toxicity to algae (acute)
EC50 *Selenastrum capricornutum*: > 0.9 mg/l 72hr
CAS 57-10-3
OECD 201

Bacteria toxicity
EC10 *Pseudomonas putida* 883 mg/l 18hr
CAS 57-11-4

12.2 Persistence and degradability

- Readily biodegradable

12.3 Bioaccumulative potential

- Partition Coefficient (n-Octanol/Water): Log Pow 7.05 - 8.23

12.4 Mobility in soil

- No further relevant information available.

12.5 Results of PBT and vPvB assessment

- This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

SECTION 12: Ecological information (....)

- No data available
-

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- Avoid release to the environment. Refer to special instructions/Safety data sheets
 - Disposal should be in accordance with local, state or national legislation
 - Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.
 - Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal.
 - Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.
-

SECTION 14: Transport information**Not classified as hazardous for transport****14.1 UN number or ID number**

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
-

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

SECTION 15: Regulatory information (....)

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

In accordance with Reach regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorisation.

REACH candidate list of substances of very high concern (SVHC) for authorisation

In accordance with article 57 and article 59 of the Reach regulation (EC) 1907/2006, this substance is not considered as subject to listing in annex XIV, inventory of substances requiring authorisation ("Authorisation list").

Regulation (EC) No 1907/2006 (REACH) Annex XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles.

The substance is not subject to the provisions of annex XVII (restriction entries) of the reach regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major accident hazards involving dangerous substances.

This substance is not subject to Part 1 or 2 of Annex I.

15.2 Chemical safety assessment

- No chemical safety assessment has been carried out.
-

SECTION 16: Other information

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

--- end of safety datasheet ---



Product Specification

Stearic Acid

Description: Fatty acids, C16-18

CAS number: 67701-03-5

EC number: 266-928-5

Test parameter	Unit	Specification
Appearance		Beads
Acid value	mg KOH/g	196 – 211
Saponification value	mg KOH/g	197 – 212
Iodine value	gI ₂ /100g	0.5 max
Titre	°C	54 – 69
Colour, Lovibond 5 ¼ "		0.5R 5Y max
C12 & C14, Lauric acid & Myristic acid		2.5 max
C16, Palmitic acid		42 – 58
C18, Stearic acid		40 – 55
Others		1 max

Additional information

Please refer to the Safety Data Sheet for more information

Storage, packaging and handling

Store under cool, dry and shaded warehouse, awaiting direct heat and sunlight.

Shelf Life: 24 months from the date of manufacture

MYSTIC MOMENTS

Vegan & Vegetarian Statement

Stearic Acid

To the best of our knowledge we can declare and certify that Stearic Acid (CAS: 67701-03-5) is suitable for Vegans and Vegetarians by ourselves or our manufacturer.