

Material safety data sheet



Stearic Acid
Art. 12300

1. Preparation Description/ Supplier Description

Commercial product name: Stearic Acid
Supplier address: EXAGON AG
Bernstrasse Nord 210
CH-8064 Zurich
Phone: 0041 (0)44 430 36 76
Fax: 0041 (0)44 430 36 66
E-Mail: info@exagon.ch

2. Composition/ Data on composition

Chemical character	Material
Mixture of saturated fatty acids, mainly content of Palmitic and Stearic Acid.	Iodine Val. < 4 Titer: About 54°C Acid Value: 195 - 215 EC Nr. 266-928-5 CAS Nr. 67701-03-5

3. Hazard Identification

4. First Aid measures

In case of skin contact: Wash with soap and water.
In case of eye contact: Rinse with water.

5. Measures in case of fire

Extinguishing media: Dry powder, CO₂ or foam

6. Measures by accidental spillage/ leakage

After spillage/ leakage: As well as house rubbish: brush off, hovering

7. Storage and Handling

Handling:
The usual measures are sufficient.

Storage:
The usual measures are sufficient.

8. Exposure limitation and personal protection equipment

Additional informations fort he arrangement of technical plant:
Direct open fire has to be avoided.

Essential parts with working place related, to be observed limits:

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Personal protection:

Gloves
Protection glasses
Usual breathing mask

9. Physical data and chemical data**Appearance**

Form: Flakes/ Beads/ liquid
Colour: White to pale yellow
Odour: Typical of Palm oil

Safety relevant data

pH-Value: Not applicable
Change in physical state: 55 - 52°C
Flash point: 183°C
Bulk density: Abt. 450 kg/m³ in beads
Abt. 400 kg/m³ in flakes
Ignition temperature: 395°C
Solubility in water (°C): Insoluble g/l
In (°C):
Explosion limits lower: -
upper: -
Vapour pressure (227°C): 10 mbar
Viscosity (75°C): 8.5 Cp
Density (69°C): 0.847 g/cm³

Further information

Thermal decomposition: Product is stable.
Hazardous decomposition: None.
Hazardous reactions: Not likely to occur.

10. Stability and Reactivity**11. Information on Toxicity**

LD 50 IV = 23 +/-0,7 mg/kg in mice

12. Information in exological effects

Free off: PCB
Free off: PCT
Free off: PCDD
Free off: PCDF
Organic raw material
Biological reductionable

13. Recommended disposal procedure

As normal house rubbish (in small quantities)

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14. Transport Regulations

Land/ Road: Warn sign	Class/ number/ letter Hazardous-No: UN-No.:
Lake/ River:	Class/ number/ letter
Sea/ ocean:	Class:
Air:	Class:
Further Informations:	Not classified in RID/ ADR/ ADNE/ IMCO Does not present abnormal problems in its transport

15. Regulations

Marking according to EG-regulations

Name of hazardous
Product content of
R-number
S-number
Further informations

National regulations

Informations for signing regulations
Regulations in case of disturbance
Regulations for flameable liquids VbF
TA-Air
Class of water hazardous
Other regulations, limitation and
regulations of prohibitions

16. Further informations

No further informations.