

MATERIAL SAFETY DATA SHEET

HOSTAPON SCI-65

Substance key: SXR065460
Version : 1 - 1 / USA

Revision Date: 12/01/2004
Date of printing :03/17/2006

Section 01 - Product Information

Identification of the company:

Clariant Corporation
4000 Monroe Road
Charlotte, NC, 28205
Telephone No.: +1 704-331-7000

Information of the substance/preparation:

Functional Chemicals
Product Safety 1-704-331-7710

Emergency tel. number: +1 800-424-9300(CHEMTREC)

Trade name: HOSTAPON SCI-65
CAS number: 61789-32-0
Synonyms: Product Has No Synonyms
Primary product use: Emulsifier, raw material for detergents
Chemical family: A coco fatty acid isethionate, sodium salt

Section 02 - Composition information on hazardous ingredients

Hazardous ingredients:

Component	CAS-no. (Trade secret no.)	Concentration
Sodium Cocoyl Isethionate	61789-32-0	66 %
Stearic acid	57-11-4	> 1 %
Particulates Not Otherwise Regulated (PNOR)		> 1 %

Section 03 - Hazards identification

Expected Route of entry:

Inhalation: yes
Skin contact: yes
Eye contact: yes
Ingestion: no
Skin absorption: no

Health effects of exposure:

Sodium cocoyl isethionate (61789-32-0)
Causes moderate eye irritation.

Stearic Acid (57-11-4)

Stearic Acid: An equivocal tumorigenic agent. Also a human skin irritant. 75 mg of stearic acid applied intermittently to human skin over a 3-day period resulted in mild irritation. 500 mg of stearic acid applied to rabbit skin over a 24-hour period resulted in moderate irritation.

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Particulates Not Otherwise Regulated (PNOR)

This product is considered as Particulates Not Otherwise Regulated (PNOR). May cause local irritation of eyes, nose, throat, and lungs.

Known effects on other illnesses: Preexisting skin, eye, and respiratory conditions may be aggravated.

Listed carcinogen: IARC: NO NTP: NO OSHA: NO

HMIS:

Health: 2

Flammability: 1

Reactivity: 0

Personal protection: F

Section 04 - First aid measures

After inhalation:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

After contact with skin:

Immediately flush skin with plenty of water while removing contaminated clothing. Wash contaminated clothing before reuse. If redness or irritation occurs, seek medical attention.

After contact with eyes:

Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs.

After ingestion:

Never give anything by mouth to a unconscious person. If swallowed do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airway clear. Seek medical attention immediately.

Advice to doctor / Treatment:

None known.
None known.

Section 05 - Fire fighting measures

Flashpoint: > 212 °F

Lower explosion limit: Not applicable

Upper explosion limit: Not applicable

Self ignition: 464 °F

Ignition temperature: Not applicable

Hazardous combustion products:

In case of fires, hazardous combustion gases are formed:
Sulphur dioxide (SO₂)
Sulphur trioxide (SO₃)

Extinguishing media: water spray jet
foam

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Special fire fighting procedure:

Use self-contained breathing apparatus and full protective clothing. Direct application of a solid stream of water or foam into hot burning product may cause frothing and increase the fire's intensity.

Unusual fire and explosion hazards:

Emits toxic and corrosive fumes under fire conditions. Fine powder may present dust explosion hazard

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Contain spilled materials. If solid material, shovel or sweep up and place in a proper disposal container or recover for recycling/reuse. If molten, it may be absorbed on an absorbant like oil dry or sand, or allowed to cool and solidify, then removed by scraping.

Section 07 - Handling and storage

Advice on safe handling:

Store in cool, dry area. Avoid excessive heat. Keep away from sources of heat, sparks or open flames.

Further info on storage conditions:

Store in original container.
Keep containers closed.

Section 08 - Exposure controls / personal protection

Occupational exposure limits:

Component	CAS number:	Regulatory list	Type of value	Value 1	Value 2
STEARATES (EXCEPT STEARATES OF TOXIC METALS)	57-11-4	US ACGIH Threshold Limit Values Data	Time Weighted Average (TWA):		10 mg/m3
PARTICULATES NOT OTHERWISE REGULATED RESPIRABLE FRACTION		US OSHA Table Z-1-A Data	Time Weighted Average (TWA):		5 mg/m3
PARTICULATES NOT OTHERWISE REGULATED TOTAL DUST		US OSHA Table Z-1-A Data	Time Weighted Average (TWA):		15 mg/m3
PARTICLES (INSOLUBLE OR POORLY SOLUBLE) NOT OTHERWISE SPECIFIED, RESPIRABLE PARTICLES		US ACGIH Threshold Limit Values Data	Time Weighted Average (TWA):		3 mg/m3
PARTICLES (INSOLUBLE OR POORLY SOLUBLE) NOT OTHERWISE SPECIFIED, INHALABLE PARTICLES		US ACGIH Threshold Limit Values Data	Time Weighted Average (TWA):		10 mg/m3

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Respiratory protection:	If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134
Hand protection:	PVC Gloves.
Eye protection:	Chemical splash goggles and full face shield.
Other protective equipment:	Protective clothing to minimize skin contact should be worn. Chemically resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Safety showers and eyewash stations should be provided in all areas where this material is handled.
Advice on system design:	Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.
IDLH:	None

Section 09 - Physical and chemical properties

Form:	Flakes
Color:	white to cream colour
Odor:	slight, original odour
pH:	5 - 6 (20 °C, 50 g/l) Method: DIN 53996
Solubility in water:	(20 °C) virtually insoluble
Soluble in ... :	butyl glycol/water
Density:	not determined
Melting point :	266 - 275 °F
Boiling temperature :	not determined
Vapor pressure:	approx. 17.26 Torr (20 °C)
Bulk density:	500 kg/m ³
Relative vapor density:	Not applicable
Partitioning coef. octanol/water:	not determined
Viscosity / (kinematic):	not determined

Section 10 - Stability and reactivity

Thermal decomposition:	400 °C
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Chemical stability:	Stable.
Hazardous Polymerization:	Will not occur. Conditions to avoid: None known.
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Section 11 - Toxicological information

Product information:

Acute oral toxicity: not determined

Acute inhalation toxicity: not determined

Acute dermal toxicity: not determined

Skin irritation: Not available
The product has not been tested. The information is derived from the properties of the individual components.

Eye irritation: Not available
The product has not been tested. The information is derived from the properties of the individual components.

Other relevant toxicity information:

The product was classified on the basis of the calculation procedure of the Dangerous Preparations Directive (1999/45/EC).

Section 12 - Ecological information

Product information:

Biodegradation: > 90 % (28 d)
Method: OECD 301 E

Fish toxicity: LC50 33 mg/l (96 h, zebra fish)
Method: OECD 203

Bacteria toxicity: EC50 > 1,000 mg/l
Method: OECD 209

Chemical oxygen demand (COD): 1,840 mg/g

Section 13 - Disposal considerations

Waste disposal information:

Recommended disposal is by incineration in approved facilities.

RCRA hazardous waste:

No -- Not as sold.
RCRA number: NONE

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Section 14 - Transport information

DOT	not restricted
IATA	not restricted
IMDG	not restricted

Section 15 - Regulatory information

TSCA Status:

All components of this product are listed on the TSCA Inventory.

SARA (section 311/312):

Reactive hazard:	no
Pressure hazard:	no
Fire hazard:	no
Immediate/acute:	yes
Delayed/chronic:	no

SARA 313 information:

This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act:

Contains no known priority pollutants at concentrations greater than 0.1%.

Volatile organic compounds VOC:

Remarks: Not Available

FDA:

This product is not registered with the FDA.

Section 16 - Other information

Other precautions:

Observe all necessary precautions for handling fine powders to control dust. May present dust explosion hazard. Reference exposure limit: ACGIH (TLV) for particulate matter - 10 mg/m³ inhalable particulates, 3 mg/m³ respirable particulates. OSHA Permissible Limit (PEL) for particulate matter: total dust: 15 mg/m³; respirable fraction: 5 mg/m³

Label information:

CAUTION!

CAUSES SKIN AND EYE IRRITATION

Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wear proper protective equipment. Keep container closed when not in use. Use with ventilation and/or respiratory protection to keep exposure to a minimum. Wash thoroughly after handling.

Eye contact: immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs. Skin contact: wash thoroughly with soap and water for 15

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minutes. If skin irritation occurs, seek medical attention. Wash contaminated clothing before reuse. Inhalation: remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications. (R) and TM indicate trademarks of Clariant AG, its business partners or suppliers.