

MATERIAL SAFETY DATA SHEET

GENAPOL TSM

Substance key: SXR024223
Version : 1 - 6 / USA

Revision Date: 05/23/2007
Date of printing :05/24/2007

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:

Product Safety 1-704-331-7710

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

Trade name:

GENAPOL TSM

Synonyms:

Product Has No Synonyms

Primary product use:

Pearlising agent for cosmetics

Chemical family:

A mixture of a sodium fatty alcohol ether sulphates salt and pearlescent agent.

Section 02 - Composition information on hazardous ingredients

Hazardous ingredients:

Component	CAS-no. (Trade secret no.)	Concentration
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C12-14-alkyl ethers, sodium salts	68891-38-3	18 %

Section 03 - Hazards identification

Emergency overview:

White liquid
Eye irritant.
Skin irritant.

Expected Route of entry:**Inhalation:**

Vapors and/or mists are probably irritating to respiratory passages, nose, and throat.

Skin contact:

May cause skin irritation.

Eye contact:

Not expected to be toxic by skin absorption.

Ingestion:

May cause severe irritation.

Not expected to be toxic.

Known effects on other illnesses:

Pre-existing skin and eye disorders may be aggravated by exposure to this product.

Listed carcinogen:

IARC: No
NTP: No
OSHA: No
Other: No

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HMIS:

Health: 2

Flammability: 1

Reactivity: 0

Personal protection: D

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:

Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

After contact with eyes:

Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

After ingestion:

If ingested, seek medical assistance immediately.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint: > 212 °F

Lower explosion limit: not tested.

Upper explosion limit: not tested.

Self ignition: Not applicable

Ignition temperature: not tested.

Hazardous combustion products:

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

Extinguishing media: water spray jet
alcohol-resistant foam
carbon dioxide
dry powder

Special fire fighting procedure:

Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

Unusual fire and explosion hazards: Emits toxic and corrosive fumes under fire conditions.

Section 06 - Accidental release measures

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Steps to be taken in case of spill or leak:

Contain spill. Ensure adequate ventilation and wear appropriate personal protective equipment. Collect onto inert absorbent. Place in sealable container. Do not allow to contaminate water sources or sewers.

Section 07 - Handling and storage

Advice on safe handling:

Sensitive to frost: If product becomes opaque, thickening, or frozen it can be slowly thawed at room temperature and ready for use after a short stirring time. Avoid skin and eye contact.

Further info on storage conditions:

Store in original container.
Keep containers closed.

Section 08 - Exposure controls / personal protection

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:	Butyl Rubber, PVC Or Neoprene.
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:	Local ventilation recommended - mechanical ventilation may be used.
IDLH:	Not Determined

Section 09 - Physical and chemical properties

Form:	Liquid
Color:	white
Odor:	slight, original odour
pH:	4 - 5 (20 °C, 10 g/l)
Solubility in water:	(20 °C) insoluble
Soluble in ... :	fat not tested.

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Density:	approx. 1 g/cm ³ (20 °C) Method: DIN 51757
Freezing point :	< 50 °F
Boiling point :	approx. 212 °F Based on water-content.
Vapor pressure:	approx. 22.51 Torr (25 °C) Corresp. to vapour pressure of water
Bulk density:	Not applicable
Relative vapor density:	not tested.
Partitioning coef. octanol/water:	not tested.
Viscosity / (dynamic):	300 - 1,500 mPa.s (23 °C)
Viscosity / (kinematic):	not tested.

Section 10 - Stability and reactivity

Thermal decomposition:	No decomposition up to 260 °C.
Chemical stability:	Stable.
Hazardous Polymerization:	Will not occur. Conditions to avoid: None known.
Conditions to avoid:	None known.

Section 11 - Toxicological information

Product information:	
Acute oral toxicity:	LD ₅₀ > 2,000 mg/kg (rat) Method: OECD 401
Acute inhalation toxicity:	not tested.
Acute dermal toxicity:	not tested.
Skin irritation:	Moderate irritant (rabbit)
Eye irritation:	Severe irritant (rabbit)
Sensitization:	non-sensitizing The product has not been tested. The information is derived from the properties of the individual components.

Section 12 - Ecological information

Product information:	
Biodegradation:	> 80 % Method: OECD 302 B

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Fish toxicity:	LC50 10 - 100 mg/l (96 h, zebra fish) Method: OECD 203
Bacteria toxicity:	EC50 > 1,000 mg/l Method: OECD 209
Chemical oxygen demand (COD):	790 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

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.

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Section 16 - Other information

Other precautions:

Avoid all contact with skin, eyes, and clothing. Do not take internally.

Label information:

WARNING!

CAUSES SEVERE EYE IRRITATION CAUSES MODERATE SKIN IRRITATION

Avoid breathing fumes, vapors, mists or spray. Avoid contact with skin and eyes. Use with adequate ventilation and/or respiratory protection. Wash thoroughly after handling. Keep container closed when not in use.

Eye contact: flush with water for at least 15 minutes while holding eyelids open. Seek immediate medical attention. Skin contact: immediately remove contaminated clothing and shoes. Flush area thoroughly with plenty of water for at least 15 minutes. If irritation continues, seek medical attention. Wash clothing before reuse. Ingestion: seek medical attention immediately. 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.