

Safety Data Sheet as per Globally Harmonized System (GHS)

Galsoft SCT 40 (PF)

Version No. 1 Date of revision: July 25, 2018

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

GHS Product identifier

Trade Name : Galsoft SCT 40 (PF)

INCI Name : Sodium Methyl Cocoyl Taurate

CAS Number : 61791-42-2

EC Number : 263-174-9

Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Ingredient in Personal and Home Care products

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2. HAZARD IDENTIFICATION

Classification of the substance or mixture:

Eye irritation Category 2A; H319

Acute aquatic toxicity Category 2; H401

GHS label elements, including precautionary statements

Hazard pictogram:



Signal word: Warning

Hazard statement(s):

H319: Causes serious eye irritation.

H401: Toxic to aquatic life.

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Precautionary statement(s):

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P501: Dispose off contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification : Not known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity of the substance	: Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts
Common name(s), Synonym(s)	: Sodium N-Cocoyl-N-Methyl Taurate
CAS Number	: 61791-42-2
EC Number	: 263-174-9
Concentration	: ≤ 46%
Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance	: Not known

4. FIRST-AID MEASURES

Description of necessary first-aid measures

Inhalation	: Remove to fresh air
Skin contact	: Flush with plenty of water for at least 15 minutes. Seek medical advice, if necessary
Eye contact	: Flush for at least 15 minutes under running water with eyelids held open forcibly. Seek medical advice, if necessary
Ingestion	: Immediately rinse mouth and then drink plenty of water. If feeling unwell, after accidental swallowing, consult the doctor

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Most important symptoms/effects,
acute and delayed

Eye contact : Causes serious eye irritation

Indication of immediate medical attention and
special treatment needed, if necessary

Treatment : Treat symptomatically

5. FIRE- FIGHTING MEASURES

Suitable extinguishing media : Dry chemical powder, water spray, carbon dioxide, foam

Unsuitable extinguishing media : Not known

Specific hazards arising from the chemical : Development of hazardous combustion products like
oxides of carbon, sulfur and nitrogen possible in
the event of fire

Special protective equipment and precautions
for fire-fighters : Wear personal protective equipment and self-contained
breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment
and emergency procedures : Use personal protective equipment. Wash hands after exposure
with the product. Avoid contact with skin, eyes and clothing

Environmental precautions : Do not discharge into drains, surface water or ground water

Methods and materials for containment
and cleaning up : In case of spillage, contain and collect all the material in suitable
and properly labeled container. Flush the area with water and
treat the effluent appropriately. Dispose off collected
material in accordance with regulations

7. HANDLING AND STORAGE

Precautions for safe handling : Follow general occupational hygiene such as, wash hands
after use. Do not eat, drink or smoke in work areas. Remove
contaminated clothing. Avoid spill. Follow safe procedures while
loading and un-loading of product

Conditions for safe storage, including
any incompatibilities : Store the material in a clean, dry place at 25-30°C, away from
direct heat and sunlight. Keep the containers tightly closed.
During storage at 25-30°C, product may crystallize. Product has
tendency to solidify and become non-pourable, if stored at
< 28°C. If the product becomes frozen/crystallized in IBC/

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HMHDPE carboys, then keep the same in hot room at about 40°C (avoid direct heating). Entire mass has to be made homogeneous before use. Use entire product, once the carboy is opened. In the original sealed condition, when stored as suggested, the shelf life of the product is at least two years.
Stacking of carboys: Palletized/non-palletized: 1+1, both while transport and during storage
Stacking of IBC: 1+1, both while transport and during storage

Suitable packing materials : HMHDPE carboys/IBC
Unsuitable packing materials : Mild steel and glass

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits : No data available
Biological limit values : No data available
Appropriate engineering controls : Proper plant design, technical measures and working operations should minimize human exposure
Individual protection measures, such as personal protective equipment (PPE) : Eye/face protection: Safety goggles
Skin protection: Apron, rubber gloves and shoes
Respiratory protection : None required when adequate ventilation is available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state : White pearlescent paste. Above 40°C, clear viscous liquid
Colour : Colourless to pale yellow at 50°C
Odour : Fatty
Odour threshold : No data available
pH (as such) : 10.0 - 11.0 at 35°C
Freezing point : 28°C
Initial boiling point and boiling range : > 100°C at 760 mmHg (foam/overflow)
(Based on water content)

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Flash point	: > 100°C
Evaporation rate	: No data available
Flammability (solid, gas)	: Not flammable
Upper/lower flammability or explosive limits	: Not applicable
Vapour pressure	: No data available
Vapour density	: Not applicable
Relative density	: 1.0200 - 1.0600 at 35°C
Solubility(ies)	: Soluble in water; approximately 130 g/l at 20°C
Partition coefficient: n-octanol/water	: Log P _{ow} : 0.24 at 20°C (EU Method A.8)
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity	: Not applicable

10. STABILITY AND REACTIVITY

Reactivity	: No hazardous reactions, if stored and handled as prescribed (Refer Section 7)
Chemical stability	: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure
Possibility of hazardous reactions	: Not anticipated when used or handled as prescribed
Conditions to avoid	: Heat, flame and other sources of ignition
Incompatible materials	: Strong acids, alkali, oxidizing and reducing agents
Hazardous decomposition products	: Will not form, if stored or handled as prescribed

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (Rat)	: LD ₅₀ : > 2000 mg/kg bw (OECD Guideline 401)
Acute dermal toxicity (Rat)	: LD ₅₀ : > 2000 mg/kg bw (OECD Guideline 402) Read-across approach

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Acute inhalation toxicity	: No data available
Skin corrosion/irritation (Human)	: Not irritating (OECD Guideline 439/EU method B.46)
Serious eye damage/irritation (Rabbit)	: Irritating (OECD Guideline 405)
Respiratory or skin sensitization (Guinea pig)	: Not sensitizing (OECD Guideline 406)
Germ cell mutagenicity	
Bacterial reverse mutation assay (in-vitro)	: Negative (OECD Guideline 471/ EU Method B.13/14/ EPA OPPTS 870.5100)
In vitro mammalian cell micronucleus test	: Negative (OECD Guideline 487)
Mammalian cell gene mutation assay (in-vitro)	: Negative (OECD Guideline 476/EU Method B.17/EPA OPPTS 870.5300)
Carcinogenicity	: No data available
Reproductive toxicity	: Not classified Reproduction/developmental toxicity: oral (Rat): NOAEL: \geq 1000 mg/kg bw/day (OECD Guideline 421) Read-across approach
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified Repeated dose toxicity: oral (Rat): NOAEL: \geq 1000 mg/kg bw/day (OECD Guideline 407) Read-across approach
Aspiration hazard	: Not classified
Information on the likely routes of exposure	: Dermal and oral
Symptoms related to the physical, chemical and toxicological characteristics	: Eye contact: Causes serious eye irritation
Delayed and immediate effects and also chronic effects from short and long term exposure	: Short term exposure: No data available Long term exposure: No data available

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12. ECOLOGICAL INFORMATION

Toxicity

Short-term toxicity to fish	: Danio rerio LC ₅₀ (96 h): 5.04 mg/l (OECD Guideline 203)
Long-term toxicity to fish	: No data available
Short-term toxicity to aquatic invertebrates	: Daphnia magna EC ₅₀ (48 h): 4.6 mg/l (OECD Guideline 202/ EU Method C.2)
Long-term toxicity to aquatic invertebrates	: Daphnia magna NOEC (21 d): 4 mg/l (OECD Guideline 211)
Toxicity to aquatic algae	: Desmodesmus subspicatus EC ₅₀ (72 h): > 100 mg/l (based on growth rate) NOEC (72 h): 10 mg/l (based on growth rate) (OECD Guideline 201)
Persistency and degradability	: Readily biodegradable; 82 % after 28 days (CO ₂ evolution) (OECD Guideline 301 B)
Bioaccumulative potential	: Log P _{ow} : 0.24 at 20°C (EU Method A.8)
Mobility in soil	: No data available
Other adverse effects	: No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods	: Dispose off contents/container in accordance with local/regional/ national/international regulations
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14. TRANSPORT INFORMATION

Not classified as dangerous according to transport regulations

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question	: Refer to all applicable national, international and local regulations or provisions
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16. OTHER INFORMATION

Revision Number	: GHS / Revision 0
Indication of changes	: Not applicable
Legend/acronym	: GHS - Globally Harmonized System STOT - Specific Target Organ Toxicity
Source of information	: In-house and literature

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