

SAFETY DATA SHEET
SULFOLON SCS 92/N

SECTION 1: Product & Company Identification

1.1 GHS Product identifier

PRODUCT NAME : SULFOLON SCS 92/N

1.2 Other means of identification

CHEMICAL NAME:Sulfuric acid, mono-C12-18-alkyl esters, sodium salts.

1.3 Recommended use of the chemicals and restriction on use

Product use:Used as High Foaming Surfactant in Home Care, Personal Care & Industrial Applications

1.4 SUPPLIER DETAILS:

AARTI SURFACTANTS LIMITED
Plot No-57,61,62,63,64 Pithampur Industrial Area
Sector-3,Sagore,Dist-Dhar (MP),INDIA

Telephone number: +91 - 9111023252

Emergency telephone number: +91 - 9727782348

2: Hazardous identification

2.1 GHS Classification of the substance / mixture and any regional information

Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Physical Hazards: Not classified

Health Hazards: Not classified

Environmental Hazards:Not classified

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP):

Substance name: Sulfuric acid, mono-C12-18-alkyl esters, sodium salts.

Precautionary statements:

P264 wash skin thoroughly after handling

P280 Wear protective glove/protective clothing/eye protection/face

protection P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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

2.3 Other hazards which do not result in classification

Not available



SECTION 3: Composition / information on ingredients

Substance

3.1 Chemical Identity: Sulfuric acid, mono-C12-18-alkyl esters, sodium salts

3.2 Common name: Coco sulfate sodium salt

3.3 CAS No: 68955-19-1

EC No: 273-257-1

Concentration: 90 - 95%

Classification: Not classified

3.4 Impurities and stabilizing additives which are themselves classified and which contribute to the classification of a substance:

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

SECTION 4: First aid measures

4.1 Description of the necessary measures, subdivided according to different routes of exposure:

Inhalation: Inhalation is not an expected route of exposure. Remove victim to fresh air and keep at rest in a position comfortable for breathing if inhalation occurs. See medical attention if symptoms persist.

Skin contact: Immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention.

Eye contact: Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Call a physician or poison control center immediately.

Ingestion: Never give anything by mouth to an unconscious person. Do NOT induce vomiting without medical advice. Drink water as a precaution.

4.2. Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact: No data available

Inhalation: No data available

Skin contact: No data available

Ingestion: No data available

4.3 Indication of any immediate medical attention and special treatment needed.

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

SECTION 5: Fire-fighting measures

5.1 Suitable Extinguishing media

Suitable extinguishing media: on large fires use universal foam or water spray. On small fires use dry chemical or CO₂. Water can be used to cool fire exposed containers.

Unsuitable extinguishing media: Water jet is not recommended.

5.2 Special hazards arising from the Chemicals

Hazardous combustion products: None under normal conditions

5.3 Special Protective equipment & Precautions for fire-fighters

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing dust, vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up.

Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

SECTION 7: Handling and storage

7.1 Precautions for safe handling.

Follow general occupational hygiene such as washing hands after use. Do not use hooks for handling bags. Multiple handling may lead to formation of fine powder which may cause dusting during usages. Use personal protective equipment while charging the material. To avoid dusting, keep minimum distance between bag and hopper. Use proper dust collection system to avoid particle contamination in production area. Follow safe procedure for loading unloading of product.

7.2 Conditions for safe storage, including any incompatibilities

Store the material in a clean, dry place below 35°C, away from direct heat, sunlight and moisture. Slight pH drop is possible over prolonged storage. In case of drop in pH it is fairly safe to use the material as long as the pH is ≥ 7.00 . In the original sealed condition, when stored as recommended, expected shelf life if stored at recommended temperatures: 24 months. Soft, easily breakable agglomeration may be formed on storage. Since the material is hygroscopic in nature, use the product within a week after opening the bag. Stacking of the paper bags, Non-palletized maximum 12 bags while transporting and 8 bag during storage. Palletized 1+1 while transporting and during storage single pallet on ground or in pigeon hole.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values or biological limit values:

No occupational exposure limit values established

8.2 Appropriate engineering controls:

Provide appropriate exhaust ventilation at places.

8.3 Individuals protection measures:

Eye and face protection: Wear safety glasses with side shields or splash proof goggles (ANSI Z87 approved).
An emergency eye wash shower facilities are necessary.

Skin protection: Use proper protection - gloves and suitable long-sleeved clothing (i.e., shirts and pants) as a minimum.

Hand protection: Protective gloves.

Respiratory protection: If ventilation is insufficient, suitable respiratory protection must be provided

Environmental exposure Controls: Do not discharge into drains or water sources or into the ground.

Industrial hygiene: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Wash contaminated clothing before reuse.



SECTION 9: Physical and chemical properties

Appearance:	Needle
Colour:	White to off white
Odour:	Fatty
Odour Threshold:	No data available
pH (25°C, 1% aqueous solution):	8.0 – 12.0
Melting point:	No data available.
Freezing point:	No data available.
Boiling point:	No data available.
Boiling range:	No data available.
Flash point:	170°C
Evaporation rate:	No data available.
Flammability:	No data available.
Upper lower flammability or Explosive limits:	No data available
Vapour pressure:	Not applicable
Vapour Density:	Not applicable
Relative Density:	0.4 - 0.8
Solubility(ies):	Soluble in water
Partition coefficient (n-octanol/water):	log P _{ow} : 0.83 at 22°C
Auto-ignition temperature:	310.5°C
Decomposition temperature	Not available

SECTION 10 : Stability and reactivity

- 10.1 Chemical stability:** Stable under normal temperature and pressures.
- 10.2 Possibility of hazardous reactions:** Hazardous polymerization will not occur.
- 10.3 Conditions to avoid:** Heat, open flame, spark.
- 10.4 Incompatible materials:** Strong acids, strong oxidizing agents.
- 10.5 Hazardous decomposition products:** None under normal condition.

SECTION 11 : Toxicological Information

Condense but complete & comprehensible description of various toxicological (health) effects and the available data used to identify those effects including:

11.1 Information on the likely routes of exposures

Inhalation:	No relevant information available
Ingestion:-	No data available
Skin:-	No data available
Eye contact:-	No data available

11.2 Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:	No data available
Ingestion:	No data available
Skin:	No data available
Eye Contact:	No data available

11.3 Delayed and immediate effects and also chronic effects from short and long-term exposure

Not available

SECTION 12 : Ecological Information

12.1 Eco toxicity

No data available

12.2 Persistence and degradability:

Readily biodegradable

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available.

12.5 Other adverse effects

No data available

13: Disposal considerations

13.1 Description of the waste residue & information of their handling & methods of disposal, including any contaminated packing

Description of waste residue & handling: Any waste residue or contaminated material handled with proper use of PPE.

Method of Disposal: Dispose of in accordance with local regulations.

Disposal of contaminated Packaging: Any containers of equipment used should be decontaminated immediately after use.

14: Transportation Information

Not classified as dangerous according to transport regulations.

15: Regulatory Information

15.1 Safety, health and environmental regulations specific for the product Lauryl sulfate sodium salt:

EU regulation: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of chemicals (REACH) (as amended).

Restrictions on use: None

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

16: Other information

16.1 Other information including information on preparation & revision on the SDS

SDS: Safety Data Sheet

GHS: Globally Harmonized System

CAS: Chemical Abstracts Service (division of the American Chemical Society).

EINECS: European Inventory of Existing Commercial Chemical Substances.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

OSHA: The United States Occupational Safety and Health Administration.

Prepared by: Quality Assurance Dept.

Group: AARTI SURFACTANTS LIMITED

Phone No: +91 - 9111023252

Revision Date: March 1st , 2020



The information given in good faith & is based on our knowledge of this product, at the time of publication. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.