

Syntron Industries Pvt.Ltd.

Material Safety Data Sheet

Version No.- 01

Revision Date: 01 July 2022

SECTION 1: Identification of the substance/mixture and the company/undertaking

1.1 Product identifier

Trade Name:**SULFOTRON DHSS50**[Di Hexyl SodiumSulfosuccinate]

Product Code: **SFL - 1036**

Synonyms: Sodium 1,4-dihexyl Sulphosuccinate

1.2 Relevant identified uses of the substance or mixture and uses advised against.

Uses of the substance

»1. **SULFOTRON DHSS 50** used as a surfactant and emulsifier in various industrial applications, potentially including adhesives, cleaning products, inks, coatings and dispersing and solubilizing agent exhibiting high electrolyte tolerance.

2. **SULFOTRON DHSS 50** commonly used as an anti-pitting and wetting agent in electrolytic nickel plating baths.

»Restrictions on use: No information available

Remarks

»Risk assessments should be conducted prior to handling this product/material.

1.3 Details of the supplier of the safety data sheet.

Company

Syntron Industries Pvt. Ltd.
411/5, Phase II , G.I.D.C. Vatva,
Ahemdabad – 382445 GUJARAT. INDIA
Tel. : + 91 79258 33039

E-mail address

Surfactants@syntronindustries.com

1.4 Emergency telephone number

India Tel. No. : + 91 79258 33039

Disclaimer

The ® indicated a registered Trademark in the India and ™ indicates a trademark in the India. The mark may also be registered, subject of an application for registration, or a trademark in other country.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Physical Hazards

not classified

Health Hazards

| | | |
|---|---------------|------|
| Skin irritation | (Category 2), | H315 |
| Eye irritation | (Category 2), | H319 |
| Acute toxicity oral | (Category 4), | H302 |
| Specific target organ toxicity, single exposure | (Category 3), | H335 |

Environmental Hazards

not classified

2.2 Label Elements

Symbol GHS07 exclamation mark

Pictogram



Signal Word

Warning

Warning

Hazard Statement

H302

Harmful if swallowed.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation

Precautionary Statement

P270

Do not eat, drink or smoke when using this product.

P280

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

P301+P312

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

P304+P340

IF INHALED: Remove casualty to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Remove contact lenses, if possible.

P501

Dispose of contents / container in accordance with local / regional / national / international regulations.

2.3 Other hazards Caution!

To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated.

SECTION 3: Composition /information on ingredients

| Chemical Name | CAS No. | Concentration on (%) |
|--------------------------------|-----------|----------------------|
| Sodium Di Hexyl Sulfosuccinate | 3006-15-3 | 50- 52 % |
| Water | 7732-18-5 | 48 – 50 % |

SECTION 4: First aid measure

4.1 Description of first measures

In case of inhalation

»Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact

»Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact

»Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing get medical attention immediately.

Ingestion

»Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms /effects, acute and delayed

» No data available

4.3 Indication of immediate medical attention and special treatment needed

» No data available

SECTION 5: Firefighting measure

5.1 Suitable extinguishing media:

Dry chemical, foam, water spray, carbon dioxide

5.2 Specific hazards arising from the chemical:

Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

5.3 Hazardous combustion products:

Other specific hazards:

These products include: Carbon oxides Sulphur oxides Metalloxides Closed containers may explode from heat of a fire.

5.4 Advice for firefighters:

Wear self-contained breathing apparatus if possible.

SECTION 6: Accidental release measure

6.1 Personal Precautions

Ensure adequate ventilation. Use personal protective equipment as required.

6.2 Environmental Precautions

Do not flush into surfacewater or sanitary sewer system.

6.3 Methods for Containment and Clean Up

Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.

7.2 Conditions for safe storage, including any incompatibilities

10-15°C.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1, no other specific uses are stipulated

7.4 Packaging material:

Comply with laws.

SECTION 8: Exposure controls / personal protection

8.1 Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards.

8.4 Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

8.5 Body Protection

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

8.6 Respiratory protection

Use respirators and components tested and approved under appropriate government standards

8.7 Control of environmental exposure

Do not let product enter drains

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------------------------|
| Appearance | Liquid. |
| Colour | Clear to yellowish transparent liquid |
| Odour | No data available. |
| Odour threshold | No data available. |
| pH | 5 - 7 |
| Melting point | NA |
| Boiling point | >200° C |
| Flash point | No data available |
| Evaporation rate | No data available. |
| Flammability (solid, gas) | No data available. |
| Upper/lower flammability or explosive limits | No data available. |
| Vapour pressure | No data available. |
| Vapour density | No data available. |
| Specific gravity | 1.12 – 1.20 |
| Solubility(ies) | Soluble. |
| Partition coefficient | No data available. |
| Auto-ignition temperature | No data available. |
| Decomposition Temperature | No data available. |
| Viscosity | No data available. |
| Explosive properties | No data available. |
| Oxidising properties | No data available. |
| Solid Content | 50 - 52 |

9.2. Other information

Molecular weight:388.45

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". It's a reactive substance. Substance or mixture corrosive to metals.

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.

10.7 Hazardous combustion products:

see section 5.

| |
|--|
| SECTION 11: Toxicological information |
|--|

11.1 Information on toxicological effects

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

Ecotoxicity

Do not empty into drains. Do not flush into surface water or sanitary sewer system. Contains a substance which is harmful to aquatic organisms. The product contains following substances which are hazardous for the environment.

Component

Sodium Di Hexyl Sulfosuccinate 50

| | |
|--|---|
| Persistence and Degradability | Persistence is unlikely |
| Bioaccumulation/ Accumulation | No information available. |
| Mobility | Will likely be mobile in the environment due to its water solubility. |
| Results of PBT and vPvB assessment | |
| PBT/vPvB assessment not available as chemical safety assessment not required/not conducted | |
| Endocrine disrupting properties | No data available |

12.6. Other adverse effects

None known.

SECTION 13: Disposal consideration

13.1 Waste Disposal methods

Product Disposal

Prohibition

Do not discharge directly into the environment.

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

SECTION 14: Transport information

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: Not Dangers goods.

IMDG: Not Dangers goods

IATA-DGR: Not Dangers goods

14.2 UN proper shipping name

ADR/RID: Not Dangers goods

IMDG: Not Dangers goods

IATA: Not Dangers goods

14.3 Transport hazard class(es)

ADR/RID: Not Dangers goods

IMDG: Not Dangers goods

IATA-DGR: Not Dangers goods

14.4 Packaging group

ADR/RID: Not Dangers goods

IMDG: Not Dangers goods

IATA-DGR: Not Dangers goods

14.5 Environmental hazards

ADR/RID: Not Dangers goods IMDG: Not Dangers goods IATA-DGR:Not Dangers goods

14.6 Special precautions for user

Further information: No data available:

SECTION 15: Regulatory information

National Regulations --

No additional information available

Chemical safety assessment --

No additional information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

GHS: Globally Harmonized System of Classification and labelling of chemical

OSHA: Occupational Safety and Health Administration

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

DGR: Dangerous Goods Regulations (see IATA/DGR)

PBT: Persistent, Bioaccumulative, and Toxic.

VPvB:Very Persistent and Very Bioaccumulative

Packing: -

1. Liquid Gel: Available in 25 KgCarbouy and 200 Kg Drum

MSDS PREPARED BY: Syntron Industries Pvt.Ltd.

REASON FOR REVISION: Not applicable

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