

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.07.2011

Revision: 21.07.2011

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

- **Product identifier**
- **Trade name:** Di Sodium Lauryl Sulphosuccinic acid
- **CAS Number:**
26838-05-1
- **EC number:**
248-030-5
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Detergents
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
APT Chemicals International Limited
Sandy Lane Industrial Estate
Stourport-on-Severn
Worcestershire
DY13 9QB

Tel: 0044 1299 827699
Fax: 0044 1299 827696
e-mail: info@aptchemicals.com
- **Further information obtainable from:** Product safety department.
- **Emergency telephone number:** Tel: 0044 1299 827699 (not 24 hours)

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Irritant

R41: Risk of serious damage to eyes.

- **Information concerning particular hazards for human and environment:** Not applicable.

- **Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The substance is classified and labelled according to the CLP regulation.

- **Hazard pictograms** GHS05

- **Signal word** Danger

- **Hazard statements**

H318 Causes serious eye damage.

- **Precautionary statements**

P260 Do not breathe dust.

P280 Wear eye/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.

P401 Store in accordance with local/regional/national/international regulations.

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

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.07.2011

Revision: 21.07.2011

Trade name: Di Sodium Lauryl Sulphosuccinic acid

(Contd. of page 1)

· **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Substances**
- **CAS No. Description**
26838-05-1 Disodium C-dodecyl sulphonatosuccinate
- **Identification number(s)**
- **EC number:** 248-030-5

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately rinse with water.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Check for and remove any contact lenses.
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Call a doctor immediately.
- **Information for doctor:** Treat symptomatically and supportively.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** Sulphur dioxide (SO₂)
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
Do not inhale explosion gases or combustion gases.
- **Additional information** Combustible

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Avoid formation of dust.
Keep ignition sources away - no smoking.
- **Environmental precautions:**
Do not allow to penetrate the ground/soil.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Pick up mechanically.
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**
See Section 7 for information on safe handling.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.07.2011

Revision: 21.07.2011

Trade name: Di Sodium Lauryl Sulphosuccinic acid

(Contd. of page 2)

See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
 - Ensure high housekeeping standards to remove build of dust.
 - Prevent formation of dust.
 - Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from oxidizing agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
 - Select PPE appropriate for the operations taking place taking into account the product properties.
- **General protective and hygienic measures:**
 - Do not eat, drink, smoke or sniff while working.
 - Immediately remove all soiled and contaminated clothing
 - Wash hands before breaks and at the end of work.
 - Avoid contact with the eyes.
 - Avoid close or long term contact with the skin.
 - Do not breath dust
- **Respiratory protection:**
 - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**
 - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
 - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

(Contd. on page 4)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.07.2011

Revision: 21.07.2011

Trade name: Di Sodium Lauryl Sulphosuccinic acid

(Contd. of page 3)

 · **Body protection:** Impervious protective clothing

9 Physical and chemical properties

 · **Information on basic physical and chemical properties**

 · **General Information**

 · **Appearance:**

· Form:	Powder
· Colour:	Whitish
· Odour:	Mild
· Odour threshold:	Not determined.

 · **pH-value (10 g/l) at 20°C:** 6.5-7.5

 · **Change in condition**

· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	Undetermined.

 · **Flash point:** Not applicable.

 · **Flammability (solid, gaseous):** Product is not flammable.

 · **Ignition temperature:**

 · **Decomposition temperature:** Not determined.

 · **Self-igniting:** Not determined.

 · **Danger of explosion:** Product is not explosive. However, formation of explosive air/dust mixtures are possible.

 · **Explosion limits:**

· Lower:	Not determined.
· Upper:	Not determined.

 · **Vapour pressure:** Not applicable.

· Density at 20°C:	1.2 g/cm ³
· Relative density	Not determined.
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.

 · **Solubility in / Miscibility with water:** Not determined.

 · **Segregation coefficient (n-octanol/water):** Not determined.

 · **Viscosity:**

· Dynamic:	Not applicable.
· Kinematic:	Not applicable.

 · **Other information** No further relevant information available.

10 Stability and reactivity

 · **Reactivity**

 · **Chemical stability**

 · **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

 · **Possibility of hazardous reactions** No dangerous reactions known.

 · **Conditions to avoid** No further relevant information available.

 · **Incompatible materials:** Strong acids and oxidising agents

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.07.2011

Revision: 21.07.2011

Trade name: Di Sodium Lauryl Sulphosuccinic acid

· **Hazardous decomposition products:** Sulphur oxides (SO_x)

(Contd. of page 4)

11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

Oral	LD50	>2000 mg/kg (rat)
------	------	-------------------

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** Strong irritant with the danger of severe eye injury.

· **Sensitization:** No sensitizing effects known.

· **Subacute to chronic toxicity:** Repeated or prolonged contact with skin may cause dermatitis.

· **Additional toxicological information:**

ROUTES OF ENTRY: The substance can be absorbed into the body by inhalation of dust, its aerosol and by ingestion.

12 Ecological information

· **Toxicity**

· **Acquatic toxicity:** No further relevant information available.

· **Persistence and degradability** biodegradable

· **Behaviour in environmental systems:**

· **Bioaccumulative potential** Product is not expected to bioaccumulate.

· **Mobility in soil** No further relevant information available.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

Contact waste processors for recycling information.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

· **European waste catalogue**

Waste key numbers in accordance with the European Waste catalogue (EWC) are origin-referred defined.

Since this product is used in several industries, no waste key can be provided by the supplier. The waste key number should be determined in arrangement with your waste disposal partner or the responsible authority.

· **Uncleaned packaging:**

· **Recommendation:** Container remains hazardous when empty. Continue to observe all precautions.

14 Transport information

· UN-Number	n/a
--------------------	-----

· UN proper shipping name	n/a
----------------------------------	-----

· Transport hazard class(es)	n/a
-------------------------------------	-----

· Packing group	n/a
------------------------	-----

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.07.2011

Revision: 21.07.2011

Trade name: Di Sodium Lauryl Sulphosuccinic acid

(Contd. of page 5)

- | | |
|--|--|
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |

15 Regulatory information

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Product safety department.

GB