

SAFETY DATA SHEET

Safety data sheet according to (EC) No. 1907/2006

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier:**

Formula 5

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

Cleaning liquid for touch screen displays.

1.3. Details of the supplier of the safety data sheet:

AM Denmark A/S

Flæsketorvet 60 Phone: +45 40560963

DK-1711 København V

Responsible person for the safety data sheet (e-mail): hello@am-denmark.com**1.4. Emergency telephone number:**

+45 82 12 12 12 (Poison Line (Denmark) – 24-hour service)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture:**

CLP (1272/2008): None.

2.2. Label elements:

None.

2.3. Other hazards:

PBT/vPvB: No ingredients are PBT/vPvB, according to the criteria in REACH Annex XIII.

Endocrine disrupting properties: The substances are not identified as having endocrine disrupting properties in accordance with the criteria set out in Regulation 2017/2100 or Regulation 2018/605.

SECTION 3: Composition/information on ingredients**3.2. Mixtures:** Aqueous solution

% w/w	Substance name	CAS-no.	EC-no.	Index-no.	REACH reg.-no.	Classification
<0.5	Sodium lauryl sulphate	151-21-3	205-788-1	-	01-2119489461-32	Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Chronic 3;H412

Wording of hazard statements - see section 16.

SECTION 4: First-aid measures**4.1. Description of first aid measures:**

Inhalation: Move the affected person to fresh air. Keep at rest. In case of discomfort: Get medical attention.

Skin contact: Remove contaminated clothing. Flush and wash skin with water and mild soap. If irritation persists: Seek medical advice.

Eye contact: Flush with water or physiological salt water for 5 min. If irritation persists: Seek medical advice.

Ingestion: Rinse mouth and drink plenty of water. In case of discomfort: Get medical attention.

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

May cause slight irritation of lungs (spraying) and dry and cracked skin.

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

Show this safety data sheet to a physician or emergency ward.

SECTION 5: Firefighting measures**5.1. Extinguishing media:**

Not flammable.

5.2. Special hazards arising from the substance or mixture:

Not relevant (the mixture is not combustible).

5.3. Advice for firefighters:

When extinguishing surrounding fires use breathing apparatus with an independent source of air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Use gloves of rubber when spill is wiped up – see section 8. Ventilate area of spill.

6.2. Environmental precautions:

Do not empty into drains – see section 12.

6.3. Methods and material for containment and cleaning up:

Wipe up spillage, etc. with paper towels. Further handling of spillage - see section 13.

6.4. Reference to other sections:

See references above.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Provide sufficient ventilation. Avoid contact with skin, eyes and clothing. Change contaminated clothing. Skin lotion may be used after work to avoid dryness of skin.

7.2. Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Must not be stored below 10°C.

7.3. Specific end use(s):

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters:

Occupational exposure limits (EH40/ed.2020): None.

DNEL/PNEC: No CSR.

8.2. Exposure controls:

Appropriate engineering controls: None particular.

Personal protective equipment:

Inhalation: Respiratory equipment is normally not required by sufficient ventilation or short-term use.

Skin: By prolonged contact or repeated use: Wear protective gloves of e.g. nitrile or butyl rubber (EN374).

Break-through time: App. 3 hours.

Eyes: Normally not necessary. Wear tightly fitting safety goggles (EN 166) when there is risk of splashes or spray.

Environmental exposure controls: None particular.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Physical state: Liquid in spray form (not aerosol)

Colour: Clear

Odour: None

Melting point/freezing point (°C): 0

Boiling point or initial boiling point and boiling range (°C): 100

Flammability (solid, gas): Not relevant

Lower and upper explosion limit (vol-%): Not relevant

Flash point (°C): > 100

Auto-ignition temperature (°C): Not relevant

Decomposition temperature (°C): Not determined

pH: 7

Kinematic viscosity: Not determined

Solubility: Completely soluble in water

Partition coefficient n-octanol/water (log value): Not determined

Vapour pressure: Not determined

Density and/or relative density: ~ 1

Relative vapour density: Not determined

Particle characteristics: Not determined

9.2. Other information: None

SECTION 10: Stability and reactivity

10.1. Reactivity:

No available data.

10.2. Chemical stability:

Stable under normal conditions (see section 7).

10.3. Possibility of hazardous reactions:

None known.

10.4. Conditions to avoid:

Excessive heating.

10.5. Incompatible materials:

None known.

10.6. Hazardous decomposition products:

None known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Acute toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Hazard class	Data	Test	Data source
Acute toxicity:			
Inhalation	No available or applicable data.	-	-
Dermal	No available or applicable data.	-	-
Oral	LD ₅₀ (rat): 977-1427 mg/kg (Sodium lauryl sulphate)	OECD 401	ECHA
Corrosion/irritation:	Severe irritation of eyes, rabbit (Sodium lauryl sulphate) Moderate irritation of skin, rabbit (Sodium lauryl sulphate)	No information No information	Supplier Supplier
Sensitization:	No available or applicable data.	-	-
CMR:	No available or applicable data.	-	-

Information on likely routes of exposure: Skin, inhalation and ingestion.

Symptoms:

Inhalation: Inhalation of spray particles may cause irritation of the respiratory tract.

Skin: May cause irritation with redness. Degreases skin.

Eyes: May cause irritation with redness.

Ingestion: May cause irritation of the gastrointestinal tract with nausea.

Chronic effects: None known.

11.2. Information on other hazards: None known.

SECTION 12: Ecological information

12.1. Toxicity:

Aquatic	Data (Sodium lauryl sulphate)	Test (Media)	Data source
Fish	LC ₅₀ (Pimephales promelas, 96h) = 29 mg/l	OECD 203 (FW)	ECHA
Daphnia	EC ₅₀ (Ceriodaphnia dubia, 48h) = 5.55 mg/l	OECD 202 (FW)	ECHA
Algae	No available or applicable data.	-	-

12.2. Persistence and degradability:

The surfactants in the product pass the ultimate degradability test according to EC regulation for surfactants in detergents.

Sodium lauryl sulphate is rapidly degradable (>60% BOD, 28d (OECD 301D)).

12.3. Bioaccumulative potential:

Sodium lauryl sulphate: Log K_{ow} < 3 (no significant bioaccumulation is expected).

SECTION 12: Ecological information (continued)

12.4. Mobility in soil:

No available or applicable data.

12.5. Results of PBT and vPvB assessment:

No ingredients are PBT/vPvB, according to the criteria in REACH Annex XIII.

12.6. Endocrine disrupting properties:

None known.

12.7. Other adverse effects:

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

The mixture is to be considered as non-hazardous waste. Disposal should be according to local, state or national legislation. Dispose of through authority facilities or pass to chemical disposal company.

EWC-code:

20 01 30 (mixture itself) and 15 02 03 (Paper towel, inert material etc. contaminated with the mixture)

SECTION 14: Transport information

Not dangerous goods according to ADR/RID/IMDG/IATA.

14.1. UN number or ID number: None.**14.2. UN proper shipping name:** None.**14.3. Transport hazard class(es):** None.**14.4. Packing group:** None.**14.5. Environmental hazards:** No.**14.6. Special precautions for user:** None.**14.7. Maritime transport in bulk according to IMO instruments:** Not relevant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

Other labelling information (Regulation 648/2004):

< 5% Anionic surfactants

15.2. Chemical safety assessment:

No CSR.

SECTION 16: Other information

Hazard statements mentioned in section 3:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

Abbreviations:

CMR = Carcinogenicity, mutagenicity and reproductive toxicity.

CSR = Chemical Safety Report

DNEL = Derived No-Effect Level

EC₅₀ = Effect Concentration 50 %

FW = Fresh Water

LC₅₀ = Lethal Concentration 50 %

LD₅₀ = Lethal Dose 50 %

PBT = Persistent, Bioaccumulative, Toxic

PNEC = Predicted No-Effect Concentration

vPvB = very Persistent, very Bioaccumulative

Literature:

ECHA = REACH Registration dossier from ECHA's web page.

Suppliers SDS.

SECTION 16: Other information (continued)

Training advice:

No special training is required. However, the user should be well instructed in the execution of his/her task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

Changes since the previous edition:

Revision of the format according to Regulation 2020/878.

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