

SAFETY DATA SHEET

Flytande syradisk

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 18.03.2013

Revision date 17.03.2016

1.1. Product identifier

Product name Flytande syradisk

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

Use of the substance/preparation Cleaning agent.

Relevant identified uses
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)
PC35 Washing and cleaning products (including solvent based products)
PROC2 Use in closed, continuous process with occasional controlled exposure
ERC8A Wide dispersive indoor use of processing aids in open systems

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company name PLS Produkter AB (MultiClient)

Postal address Fjärrvärmevägen 2

Postcode S-54102

City SKÖVDE

Country Sverige

Tel 500468850

Fax 500468850

E-mail anders.larsson@pls.nu

Website <http://www.plu.nu>

1.4. Emergency telephone number

Emergency telephone Toxicinformation:09-471 977

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification notes No recommendation given.

Classification according to Skin Corr 1B;H314;

Regulation (EC) No 1272/2008

[CLP/GHS]

2.2. Label elements

Hazard Pictograms (CLP)



Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage.
Precautionary statements	P102 Keep out of reach of children. P280 Wear protective gloves / protective clothing / eye protection / face protection. P303+P361+P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor / physician.

2.3. Other hazards

PBT / vPvB	Not relevant.
Description of hazard	Risk of serious damage to eyes.
Physico-chemical effects	No recommendation given.
Health effect	Causes serious eye damage.
Environmental effects	This substance is not classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Orthophosphoric acid ...%	CAS no.: 7664-38-2 EC no.: 231-633-2 Index no.: 015-011-00-6	Skin Corr 1B; H314	30 - 40 vikt%
Sodium 2-ethylhexyl sulfate	CAS no.: 126-92-1 EC no.: 204-812-8	Eye Irrit. 2;H315; Eye Dam. 1;H318;	< 1 vikt%
Description of the mixture	No recommendation given.		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!
Inhalation	Fresh air and rest.
Skin contact	Wash skin thoroughly with soap and water for several minutes. Get medical attention if any discomfort continues.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.
Ingestion	Drink a few glasses of water or milk. Do not induce vomiting. Contact physician if larger quantity has been consumed.

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

Information for health personnel	Treat Symptomatically.
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4.3. Indication of any immediate medical attention and special treatment needed

Separate first aid equipment	No recommendation given.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	This product is not flammable.
Hazardous combustion products	Not relevant.

5.3. Advice for firefighters

Other Information	No recommendation given.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Stop leak if safe to do so.
Personal protection measures	Wear necessary protective equipment.
Hazardous combustion products	No recommendation given.

6.1.1. For non-emergency personnel

Personal precautions	No recommendation given.
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6.1.2. For emergency responders

For emergency responders	Stop leak if safe to do so.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.
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6.3. Methods and material for containment and cleaning up

Cleaning method	Small quantities can be dissolved/diluted in water and flushed to drain. Dam and absorb spillage with sand, sawdust or other absorbent.
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6.4. Reference to other sections

Other instructions	No recommendation given.
Additional information	No recommendation given.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Store in closed original container at temperatures between 8°C and 28°C. Avoid contact with skin and eyes.
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Protective Safety Measures

Safety Measures To Prevent fire	No recommendation given.
Preventive Measures to prevent aerosol and dust generation	No recommendation given.
Preventitive Measures to protect the environment	No recommendation given.
Advice on general occupational hygiene	Provide easy access to water supply and eye wash facilities.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep in original container.
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Conditions for safe storage

Technical measures and storage conditions	Keep out of reach of children.
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7.3. Specific end use(s)

Recommendations	Do not handle until all safety precautions have been read and understood. Keep out of reach of children.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other Information about threshold limit values	No recommendation given.
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DNEL / PNEC

Summary of risk management measures, human	No recommendation given.
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Summary of risk management measures, environment	No recommendation given.
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8.2. Exposure controls**Respiratory protection**

Respiratory protection	Under normal conditions of use respiration protection should not be required.
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Hand protection

Hand protection	Protective gloves are recommended.
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Suitable gloves type	Neoprene, nitrile, polyethylene or PVC.
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Eye / face protection

Eye protection	Use safety goggles or face shield in case of splash risk.
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Skin protection

Skin protection (except hands)	No recommendation given.
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Appropriate environmental exposure control

Environmental exposure controls	No recommendation given.
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Other Information

Other Information	No recommendation given.
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Fluid.
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Colour	Reddish.
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Odour	Perfume free.
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Comments, Odour limit	Not determined.
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pH (as supplied)	Value: ~ 1,4
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pH (aqueous solution)	Value: ~ 2
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Comments, Melting point / melting range	Not determined.
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Specific gravity	Value: ~ 1,2 kg/dm ³
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Solubility description	Soluble in water.
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9.2. Other information**Other physical and chemical properties**

Comments	Information given concerns the concentrated solution.
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SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No recommendation given.
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10.4. Conditions to avoid

Conditions to avoid	No recommendation given.
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10.5. Incompatible materials

Materials to avoid	No recommendation given.
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10.6. Hazardous decomposition products

Hazardous decomposition products No hazardous decomposition products.

Other information

Other Information No recommendation given.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological data for substances

Substance Sodium 2-ethylhexyl sulfate
 LD50 oral **Value:** 8000 mg/kg
Animal test species: Rat

Potential acute effects

Inhalation May cause drowsiness or dizziness.
 Skin contact Corrosive to skin.
 Eye contact Causes serious eye damage.
 Ingestion Causes burns. Irritating. May cause nausea, stomach pain and vomiting.
 Aspiration hazard Not known.

Delayed effects / repeated exposure

Sensitisation Not Sensitising.
 Chronic effects Not relevant.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity No known chronic or acute health risks.
 Mutagenicity Based on available data, the classification criteria are not met.
 Teratogenic properties No known chronic or acute health risks.
 Reproductive toxicity No known chronic or acute health risks.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity There are no data on the ecotoxicity of this product. Not classified as dangerous to the environment.

Toxicological data for substances

Substance Sodium 2-ethylhexyl sulfate
 Acute aquatic, fish **Value:** > 100 mg/l
Method of testing: LC50
Species: Salmon
Duration: 96h
 Acute aquatic, Daphnia **Value:** = 1200 mg/l
Method of testing: EC50
Species: Daphia magna
Duration: 48h
 Biodegradability **Method of testing:** OECD 301A

12.2. Persistence and degradability

Persistence and degradability All organic components are considered biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility Data lacking.

12.5. Results of PBT and vPvB assessment

PBT assessment results This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Other adverse effects / Remarks No recommendation given.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Recover and reclaim or recycle, if practical. Avoid release to the environment. Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction.
Hazardous waste product	Avoid release to the environment.
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	No
EWC waste code	EWC: 200129 detergents containing dangerous substances
Other Information	Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

ADR / RID / ADN	1805
RID	1805
IMDG	1805
ICAO/IATA	1805
Comments	Not relevant.

14.2. UN proper shipping name

ADR	PHOSPHORIC ACID, SOLUTION
RID	PHOSPHORIC ACID, SOLUTION
IMDG	PHOSPHORIC ACID SOLUTION
ICAO/IATA	PHOSPHORIC ACID, SOLUTION
Comments	Not relevant.

14.3. Transport hazard class(es)

ADR / RID / ADN	8
RID	8
IMDG	8
ICAO/IATA	8
Comments	Not relevant.

14.4. Packing group

ADR	III
RID	III
IMDG	III
ICAO/IATA	III
Comments	Not relevant.

14.5. Environmental hazards

Comments	Not relevant.
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14.6. Special precautions for user

EmS	F-A, S-B
Special safety precautions for user	Not relevant.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Additional information.

Additional information.	Not relevant.
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ADR / RID - Other information

Hazard no. 80

SECTION 15: Regulatory information

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

EEC-directive	Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Legislation and regulations	Avfallsförordningen (2011:927). 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical safety assessment

Chemical safety assessment performed	No
CSR required	No
Exposure scenarios for mixture	Nej

SECTION 16: Other information

Supplier's notes	The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Skin Corr 1B; H314;
List of relevant H-phrases (Section 2 and 3).	H318 Causes Serious eye damage. H315 Causes skin irritation. H314 Causes severe skin burns and eye damage.
Version	1
Responsible for safety data sheet	PLS Produkter AB (MultiClient)
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