
SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: REN FORPLADS
UFI: 3D20-10YY-2001-XCAN

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

Use of the substance/mixture: Cleaning agent, Surface treatment

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Risborg APS
Address of Supplier: Klokkefaldet 3
8210 Aarhus V,
Danmark
Telephone: +45 51 27 32 52
Responsible Person: Claus Risborg
Email: Claus@risborg-aps.dk

1.4 Emergency telephone number

Emergency Telephone: +45 51 27 32 52

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

CLP: Eye Irrit. 2

2.2 Label elements



Signal Word: Warning

Hazard statements

Causes serious eye irritation (H319).

Precautionary statements

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

Wear protective gloves/protective clothing/eye protection/face protection (P280).

Wash hands thoroughly after handling (P264).

If eye irritation persists: Get medical advice/attention (P337+P313).

2.3 Other hazards

Contains: Alcohols, C9-11, ethoxylated

SECTION 3: Composition/information on ingredients

3.2 Mixtures

TETRAPOTASSIUM PYROPHOSPHATE

CAS Number: 7320-34-5

SECTION 3: Composition/information on ingredients (....)

EC Number: 230-785-7
Concentration: 1% - 10%
Specific Concentration Limits:
M factor: Not applicable
Acute toxicity estimate: Not applicable
Categories: Eye Irrit. 2
REACH Registration Number: 01-2119489369-18
Symbols: GHS07
H Statements: H319

D-Glucopyranose, oligomeric, C9-11-alkyl glycosides

CAS Number: 132778-08-6
EC Number: 603-654-0
Concentration: <1%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Irrit. 2, Eye Dam. 1
REACH Registration Number: 01-2119488530-36-xxxx
Symbols: GHS05
H Statements: H315, H318

Alcohols, C9-11, ethoxylated

CAS Number: 68439-46-3
EC Number: 931-514-1
Concentration: 1% - 10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Eye Dam. 1
Symbols: GHS05, GHS07
H Statements: H302, H318

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

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

If eye irritation persists: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause redness and irritation

May cause severe irritation

Mildly irritating to skin and eyes

4.3 Indication of any immediate medical attention and special treatment needed

Immediately call a POISON CENTER or doctor/physician.

SECTION 4: First aid measures (....)

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

Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

No hazard expected under normal conditions of use

5.3 Advice for firefighters

Prevent run off water from entering drains if possible

Wear chemical protection suit and positive-pressure breathing apparatus

Wear full protective clothing including chemical protection suit

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Contain spillage by any means possible

Wear protective clothing as per section 8

Wear eye/face protection

6.2 Environmental precautions

Use appropriate containment to avoid environmental contamination

Avoid release to the environment. Refer to special instructions/Safety data sheets

Do not empty into drains

6.3 Methods and material for containment and cleaning up

Absorb spillage in dry sand

Absorb spillage in earth or sand

Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

See Section 8

See Section 8 and 13

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

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

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed.

7.3 Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

TETRAPOTASSIUM PYROPHOSPHATE (TKPP)

SECTION 8: Exposure controls/personal protection (....)

DNEL			
Exposure	Value	Population	Effect
Inhalation	2.79 mg/m ³	Workers	Systemic
Oral	>70mg/kg/day	General Population	Systemic

PNEC			
Exposure	Value	Population	Effect
Fresh water	0.05 mg/l	-	-
Marine water	0.005 mg/l	-	-
STP	50mg/l	-	-

8.2 Exposure controls

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

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	Colourless
Odour:	Odourless
Melting point/Range:	Not available
Boiling Point/Range:	Not available
Flammability:	Non-flammable
pH:	Approximately 8.0
Solubility in water:	Completely soluble in water
Density:	1.020
Flashpoint:	>93°C

9.2 Other information

No information available

SECTION 10: Stability and reactivity**10.1 Reactivity**

This article is considered stable under normal conditions

10.2 Chemical stability

This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

Avoid contact with skin and eyes

Keep away from heat

10.5 Incompatible materials

Incompatible with acid

Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

No hazardous decomposition products known

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

TETRAPOTASSIUM PYROPHOSPHATE (TKPP)
DERMAL RBT LD50 >3000 mg/kg

ALCOHOLS C9-11, ETHOXYLATED
DERMAL - LD50 >2000 mg/kg
ORAL - LD50 >300, <2000 mg/kg

ALKYLPOLYGLYCOSIDE C9-11
ORAL - LD50 2000 mg/kg

Skin corrosion/irritation

May cause severe irritation
May cause redness and irritation

Serious eye damage/irritation

May cause redness and irritation

Respiratory or skin sensitisation

No information available

Germ cell mutagenicity

No information available

Carcinogenicity

No information available

Reproductive toxicity

No information available

STOT (specific target organ toxicity) - single exposure

No information available

STOT (specific target organ toxicity) - repeated exposure

No information available

Aspiration hazard

No information available

11.2 Information on other hazards

No information available

SECTION 12: Ecological information**12.1 Toxicity**

ALCOHOLS C9-11, ETHOXYLATED
ALGAE LL/EL/IL50 >100 mg/l
Daphnia magna LL/EL/IL50 1-10 mg/l
FISH LL/EL/IL50 1-10 mg/l

ALKYLPOLYGLYCOSIDE C9-11
FISH 96H LC50 10 mg/l

SECTION 12: Ecological information (....)**12.2 Persistence and degradability**

Biodegradable

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

miscible with water

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

Not applicable

12.7 Other adverse effects

No information available

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Avoid release to the environment. Refer to special instructions/Safety data sheets

Disposal should be in accordance with local, state or national legislation

Do not discharge into drains or the environment, dispose to an authorised waste collection point

SECTION 14: Transport information**14.1 UN number or ID number**

UN No.: Not applicable

14.2 UN proper shipping name

Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

Hazard Class: Not applicable

14.4 Packing group

Packing Group: Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

No special precautions are required for this product

14.7 Maritime transport in bulk according to IMO instruments

No information available

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not hazardous according to current ADR Regulations

15.2 Chemical safety assessment

A chemical safety assessment (CSA) for this product has not yet been completed

SECTION 15: Regulatory information (....)

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.