

Safety data sheet

Regulation (EC) No. 1907/2006 and (EG) 830/2015

SANIPRO RINSE

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Date 2016-10-20

Version 1

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

1.1 Product identifier	SANIPRO RINSE
1.2 Relevant identified uses of the substance or mixture and uses advised against	Surface rinse product
1.3 Details of the supplier of the safety data sheet	Behrens Group AB
Address	Box 1010 251 10 Helsingborg
Telephone	+46(0)8-525 087 80
Homepage/E-mail	www.behrengroup.se / info@behrengroup.se
1.4 Emergency telephone number	+46 (0)8-331231 Poison information

S SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification CLP (1272/2008/EC)
Skin corrosion - Category 1B; H314
Flam. Liq.- Category 3; H226

2.2 Label elements:

Pictogram



Signal Word: Danger

Containing substances:

Phosphoric Acid, propan-2-ol

Hazard statement Code(s)

H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.

Precautionary statements

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
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

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

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SECTION 3: Composition/information on ingredients

3.2 Chemical composition: Mixture

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class & Category Code*	Hazard statement Code(s)*
Phosphoric Acid 85 %	7664-38-2 231-633-2 01-2119485924-24-xxxx	40-50	Skin Corr. 1B	H314
Benzenesulfonic acid, 4-C10- 13-sec-alkyl derivs.	85536-14-7 287-494-3 01-2119490234-40-0000	5-15	Skin Corr. 1C Acute Tox. 4	H314 H302
propan-2-ol	67-63-0 200-661-7 01-2119457558-25-xxxx	1- <10	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336

* The full text of Hazard statement Codes are listed under section 16.

The classification is based on data from the chemical supplier and www.echa.europa.eu (databases)

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

SECTION 4: First aid measures

4.1 Description of first aid measures:

General information

Never give fluids or induce vomiting if patient is unconscious.

Keep person warm and calm. In all cases of doubt, or when symptoms persist, seek medical advice.

Inhalation

Fresh air. Contact a doctor if the complaints persist.

Skin contact

Immediately, take off all contaminated clothing wash with soap and water and rinse the skin thoroughly.

Eye contact

Important! Rinse immediately with water for at least 15 minutes. Hold eyelids apart. Go to hospital or eye specialist. If possible, continue to rinse during transport.

Ingestion

Rinse mouth with water and drink several glasses of water. Do not provoke vomiting. Seek medical treatment.

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

Inhalation: May cause irritation by inhalation of spray / vapours.

Skin contact: Corrosive to the skin and may cause wounds.

Eye contact: Give severe pain and irritation. May severely injure the eyes.

Ingestion: Highly corrosive in the mouth, throat and gastrointestinal tract. Symptoms burning pain, vomiting and stomach pains. Vomiting may aggravate the injury.

4.3 Indication of any immediate medical attention and special treatment needed

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Foam, powder, carbon dioxide, water spray, fog or mist.

5.2 Special hazards arising from the substance or mixture

Do not breathe fumes. During fire, gases hazardous to health may be formed.

5.3 Special protective equipment

Wear appropriate breathing apparatus and protective clothing.

5.4 Additional information

Cool endangered containers with water in case of fire.

Move containers from fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Avoid contact with skin and eyes.

Ensure adequate ventilation.

Can be slippery if spilled on the floor.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Re-use product if possible. Small quantities may be wiped up with a cloth. Contain larger spill with inert material.

Absorb in vermiculite, dry sand or earth.

6.4 Reference to other sections

See section 7 for proper handling and storage.

For personal protection see section 8.

For disposal of spillage, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Normal precautions taken when handling chemicals should be observed.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Comply with the health and safety at work laws. Do not mix with other chemicals.

Use personal protective equipment.

Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of reach of children.

Store in tightly closed container.

7.3 Specific end use(s)

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Appropriate engineering controls

Provide adequate ventilation.

Provide eyewash station.

Swedish limit values (AFS 2015:7) or limit values according to the European commission

Substance	CAS-No	Level limit value	Short time value	Note
Phosphoric Acid	7664-38-2	1 mg/m ³	2 mg/m ³	
propan-2-ol	67-63-0	150 ppm 350 mg/m ³	250 ppm 600 mg/m ³	V

Explanation note:

V= An indicative short-term threshold

8.2 Exposure controls

General protective and hygiene measures

Wash hands during work breaks and at the end of the shift. Avoid contact with skin and eyes.

The usual precautionary measures for the handling of chemicals have to be observed.

Individual protection measures, such as personal protective equipment

Always consult a competent person/supplier when selecting personal protective equipment

Respiratory protection

In inadequately ventilated places or in case of creation of aerosols, wear suitable respiratory equipment approved for this purpose.

Eye protection

Wear tightly fitting protective goggles/ face protection.

Hand protection

Wear protective gloves. (for ex. Nitrile rubber, PVC)

Body protection

Wear chemical resistant protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Liquid
Colour:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH :	Not determined
Melting point/freezing point (°C):	Not determined
Initial boiling point and boiling range:	Not determined
Flash point(°C):	~40
Evaporation rate(°C):	Not determined
Flammability (solid, gas):	Not determined
Upper flammability or explosive limits:	Not determined
Lower flammability or explosive limits:	Not determined
Vapour pressure(20°C):	Not determined
Vapour density:	Not determined

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SECTION 9: Physical and chemical properties (...)

Relative density:	Not determined
Solubility in water:	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined

9.2 Other information:

No specific.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

No known.

10.4 Conditions to avoid

No known.

10.5 Incompatible materials

Strong bases.(alkalis)

10.6 Hazardous decomposition products

No hazardous decompositions products known under recommended handling conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

See also section 4. (Most important symptoms and effects, both acute and delayed)

Inhalation

May cause irritation by inhalation of spray / vapours.

Skin contact

Corrosive

Eye contact

Corrosive

Ingestion

Corrosive

Toxicology data

Information about this preparation is not available.

Toxicology data for the containing components

Phosphoric Acid (7664-38-2)	LD ₅₀ Oral rat: 1530 mg/kg
propan-2-ol (67-63-0)	LD ₅₀ Oral rat: 5840 mg/kg LC ₅₀ Inhaled 4h: 76,2 mg/l LD ₅₀ Dermal rat: >12800 mg/kg

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SECTION 11: Toxicological information (...)

STOT-single exposure -repeated exposure.

No known.

Routes of exposure

Inhalation, eyes and skin, ingestion.

Allergenic potential

This product is not classified as allergenic by inhalation or skin contact.

Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen and toxic for reproduction.

Aspiration hazard

No

Other information

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SECTION 12: Ecological information

This product is not classified as dangerous for the environment.

Do not flush into surface water or sanitary sewer system.

12.1 Toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

propan-2-ol (67-63-0)	LC ₅₀ Fish 96h: 9640 mg/l Sp: Pimephales promelas IC ₅₀ Algae 7 d: 1800 mg/l Sp: Scenedesmus subspicatus EC ₅₀ Daphnia 24h: >1000 mg/l Sp: D. magna
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12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Propan-2-ol (67-63-0) - Readily biodegradable.

12.3 Bioaccumulative potential

Does not bioaccumulate. - Propan-2-ol (67-63-0)

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

This product is not considered to contain any substances meeting the regulations of PBT- or vPvB classification.

12.6 Other adverse effects

Local acute effects are due to lowered pH and corrosive damage.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This product or residues of this product are classified as hazardous waste.

Dispose of in accordance with local authority requirements.

EWC- code: Depends on line of business and use.

Suggested EWC-code 20 01 29* detergents containing dangerous substances

Disposal of Packaging

Well cleaned packaging could be left for recycling

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SECTION 14: Transport information

The product is classified as dangerous goods according to ADR/RID, IMDG, DGR.

14.1 UN number

1760

14.2 UN proper shipping name

CORROSIVE LIQUID N.O. S (PHOSPHORIC ACID)

14.3 Transport hazard class(es)

8

14.4 Packing group

II

14.5 Environmental hazards

Marine Pollutant: No

14.6 Special precautions for user

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

-

LQ

1L

Tunnel restriction code

(E)

SECTION 15: Regulatory information

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

Classification according to CLP (1272/2008/EC)

Reach (1907/2006/EC)

15.2 Chemical safety assessment

None.

SECTION 16: Other information

The full text of Hazard statement codes listed under section 3:

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

This information is provided for health and safety assessments by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation.

UFI code:

S300-U0MX-J006-84Y8

Sources

Safety data sheet provided by the manufacturer. CLP-regulation, www.kemi.se, www.echa.europa.eu (Databases)

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SECTION 16: Other information

Abbreviations explanations

ADR: International Carriage of Dangerous Goods by Road

BCF: Bio Concentration Factor

CAS-nr: Chemical Abstracts Service number

DNEL: Derived No Effect Level

EC₅₀: Effect Concentration

EG-nr: A substance number i EINECS, ELINCS or in No-Longer Polymers List.

IMDG: International Maritime Dangerous Goods Code.

LC₅₀: Lethal Concentration

LD₅₀: Lethal Dose

IC₅₀: Median Inhibition Concentration

NOEC: No Observed Effect Concentration

PBT-substance: Persistent, Bio accumulative and Toxic substances.

PNEC: Predicted No Effect Concentration

vPvB-substance; Very persistent and Very Bio accumulative substances.