

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

1.1 Product identifier

Product name Urinse

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

Recommended Use Professional Deodorizer

1.3 Details of the supplier of the safety data sheet

Supplier Legend Brands Europe
 22 Plover Close Interchange Park
 Newport Pagnell MK16 9PS, UK
 +44 (0) 1908 611211

For further information, please contact: ehs@prorestoreproducts.com

1.4 Emergency telephone number

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
 1-352-323-3500 (International)

Europe	112
Austria	+43 1 406 43 43
Belgium	Poison center (BE): +32 70 245 245
Denmark	Poison Control Hotline (DK): +45 82 12 12 12
Finland	Poison Information Centre (FI):+358 9 471 977
France	ORFILA (FR): + 01 45 42 59 59
Germany	Poison Center Berlin (DE): +49 030 30686 790 Poison Center Nord: +49 551 19240 (24h available English / German)
Ireland	National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland	+354 543 2222
Italy	Poison Center, Milan (IT): +39 02 6610 1029
Luxembourg	112
Netherlands	National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
Norway	Poisons Information (NO):+ 47 22 591300
Portugal	Poison Information Center (PT): +351 21 330 3284
Spain	Poison Information Service (ES): +34 91 562 04 20
Sweden	Poisons Information Center (SV):+46 8 33 12 31
Switzerland	Poison Center: Tel 145; +41 44 251 51 51
United Kingdom	111

2. Hazards identification

2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Serious eye damage/eye irritation	Category 1 - (H318)
--	---------------------

2.2 Label elements



Signal Word
Danger

Hazard Statements

H318 - Causes serious eye damage

Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear eye protection/ 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

Contains ACETIC ACID

2.3. Other Hazards

No information available

3. Composition/information on ingredients

3.1 Substances

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures

Chemical Name	EC-No	CAS-No	Weight %	Classification (1272/2008/EC)	REACH Registration Number
ACETIC ACID	200-580-7	64-19-7	2.5 - 10	Skin Corr. 1A (H314) Flam. Liq. 3 (H226) Acute Tox. 4 (H312) Acute Tox. 4 (H332)	01-2119475328-30-XX XX
Citric acid	201-069-1	77-92-9	1 - 2.5	Eye Irrit. 2 (H319)	no data available
Benzyl acetate	205-399-7	140-11-4	< 0.1	no data available	no data available
POLY(OXY-1,2-ETHANEDIYL), A-HYDRO-O-HYDROXY-	-	25322-68-3	< 0.1	NA	no data available

For the full text of the H-Statements mentioned in this Section, see Section 16

4. First Aid Measures

4.1 Description of first-aid measures

General advice

When symptoms persist or in all cases of doubt seek medical advice.

Inhalation

Move to fresh air. Get medical attention immediately if symptoms occur.

Urine

Skin contact	Wash off immediately with soap and plenty of water. Use a mild soap if available.
Eye contact	Remove contact lenses, if present. Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.
Ingestion	Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, fog, Carbon dioxide (CO₂), foam or dry chemical.

Extinguishing media which shall not be used for safety reasons

High volume water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

Advice for emergency responders

For personal protection see section 8.

6.2 Environmental precautions

Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

See section 8 for more information.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.

Hygiene measures

When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from frost.

7.3 Specific end uses

Specific use(s)

No information available

Exposure scenario

No information available.

8. Exposure controls/personal protection

8.1 Control parameters

Exposure Limit Values

Chemical Name	European Union	Austria	Belgium	Denmark	Finland	France
ACETIC ACID 64-19-7	TWA 10 ppm TWA 25 mg/m ³	STEL 20 ppm STEL 50 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³	TWA: 10 ppm TWA: 25 mg/m ³ STEL: 15 ppm STEL: 38 mg/m ³	TWA: 10 ppm TWA: 25 mg/m ³	TWA: 5 ppm TWA: 13 mg/m ³ STEL: 10 ppm STEL: 25 mg/m ³	STEL: 10 ppm STEL: 25 mg/m ³
Benzyl acetate 140-11-4			TWA: 10 ppm TWA: 62 mg/m ³	TWA: 10 ppm TWA: 61 mg/m ³		
POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3		STEL 4000 mg/m ³ TWA: 1000 mg/m ³				
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	The Netherlands
ACETIC ACID 64-19-7	TWA: 10 ppm TWA: 25 mg/m ³	TWA: 10 ppm TWA: 25 mg/m ³ Ceiling: 20 ppm Ceiling: 50 mg/m ³	TWA: 10 ppm TWA: 25 mg/m ³ STEL: 15 ppm STEL: 37 mg/m ³	STEL: 15 ppm STEL: 37 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³	TWA: 10 ppm TWA: 25 mg/m ³	
Benzyl acetate 140-11-4				TWA: 10 ppm TWA: 61 mg/m ³		
POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3	TWA: 1000 mg/m ³					
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	The United Kingdom
ACETIC ACID 64-19-7	TWA: 10 ppm TWA: 25 mg/m ³ STEL: 20 ppm STEL: 37.5 mg/m ³	STEL: 15 ppm TWA: 10 ppm TWA: 25 mg/m ³	STEL: 15 ppm STEL: 37 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³	LLV: 5 ppm LLV: 13 mg/m ³ STV: 10 ppm STV: 25 mg/m ³	STEL: 20 ppm STEL: 50 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³	
Benzyl acetate 140-11-4		TWA: 10 ppm	TWA: 10 ppm TWA: 62 mg/m ³			
POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO					TWA: 1000 mg/m ³	

Urinse

XY- 25322-68-3						
-------------------	--	--	--	--	--	--

TWA: Time weighted average
 STEL: Short term exposure limit
 LLV: Exposure Limit Values
 STV: Short Term Value

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

- Eye/Face Protection** Safety glasses with side-shields.
- Hand Protection** Protective gloves.
- Skin and body protection** Long sleeved clothing.
- Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

Environmental Exposure Controls Prevent product from entering drains. Do not allow material to contaminate ground water system.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear liquid
Color	Colorless
Odor	Pungent
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	2.2	
Melting/freezing point		No information available
Boiling point/boiling range	°C	No information available
Flash Point	°C	No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	1.0	
Water solubility	Soluble in water	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidizing Properties		No information available

9.2 Other information

Volatile organic compounds (VOC) content 98.6 g/L

10. Stability and Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

Hazardous polymerization does not occur.

10.4 Conditions to Avoid

Protect from frost, heat and sunlight.

10.5 Incompatible Materials

Metals

10.6 Hazardous Decomposition Products

None known.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product Information

The product itself has not been tested.

Inhalation	There are no data available for this product.
Eye contact	There are no data available for this product.
Skin contact	There are no data available for this product.
Ingestion	There are no data available for this product.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal)	11,051.00 mg/kg
ATEmix (inhalation-dust/mist)	15.60 mg/l
ATEmix (inhalation-vapor)	115.00 mg/l

Unknown Acute Toxicity

- < 1% of the mixture consists of ingredient(s) of unknown toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ACETIC ACID	3310 mg/kg (Rat)	= 1060 mg/kg (Rabbit)	= 11.4 mg/L (Rat) 4 h

Skin corrosion/irritation No information available.

Urine

Serious eye damage/eye irritation	Causes serious eye damage.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
Specific target organ systemic toxicity (single exposure)	No information available.
Specific target organ systemic toxicity (repeated exposure)	No information available.
Aspiration hazard	No information available.

12. Ecological information

12.1 Toxicity

< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
ACETIC ACID		LC50: 96 h Pimephales promelas 79 mg/L static LC50: 96 h Lepomis macrochirus 75 mg/L static	EC50: 48 h Daphnia magna 65 mg/L Static
Citric acid		LC50: 96 h Lepomis macrochirus 1516 mg/L static	

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

Chemical Name	log Pow
ACETIC ACID	-0.31
Citric acid	-1.72
Benzyl acetate	1.96

12.4 Mobility in soil

Mobility in soil

No information available.

Mobility

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects.

No adverse effects are expected.

13. Disposal Considerations

13.1 Waste treatment methods

Waste from residues / unused products	If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Other information	According to the European Waste Catalog, Waste Codes are not product specific, but application specific.

14. Transport Information

ADR

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

IMDG

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code	No information available

IATA

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

15. Regulatory information

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

National regulatory information Germany

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Urine

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)
This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies
NZIoC	-

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

15.2 Chemical Safety Assessment

No information available

16. Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H314 - Causes severe skin burns and eye damage
H226 - Flammable liquid and vapor
H312 - Harmful in contact with skin
H332 - Harmful if inhaled
H319 - Causes serious eye irritation

Revision Date 15-Nov-2016

Revision Note Not Applicable.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet