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

1.1 Product identifier

SALPUREX

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

Use of the substance/mixture

Radical sanitary cleaner for professional users.

1.3 Details of the supplier of the safety data sheet

Company name: Arcora International GmbH
Street: Marsstraße 9
Place: 85609 Aschheim by Munich
Germany
Tel: +49 (0)89 / 14 33 29 3-0
Fax: +49 (0)89 / 14 33 29 3-29
E-Mail: info@arcora.de

1.4 Emergency telephone number

+ 49 (0) 89 / 14 33 29 3-10

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under (EG) No. 1272/2008 [CLP]

Hazard categories:
Skin Corr. 1A: H314; STOT SE 3: H335
Hazard statements:
Causes severe skin burns and eye damage.
May cause respiratory irritation.

2.2 Label elements

Hazard components for labelling:
Hydrochloric acid
Signal word: Danger
Pictograms: GHS05
GHS07

Hazard statements

H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.

Precautionary statements

P102	Keep out of reach of children.
P261	Avoid breathing vapours.
P280	Wear protective gloves/eye protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+361+353	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.
P301+330+331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P312	Call a POISON CENTER or doctor if you feel unwell.

2.3 Other hazards

This substance is not identified as a PBT substance.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients

EINECS	Chemical name	Anteil
CAS-No.		
Index-No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH-No.		
231-595-7	Hydrochloric acid (30 %)	5 - 50%
7647-01-0		
	Met. Corr. 1: H290; Skin Corr. 1B: H314; STOT SE 3: H335	
01-2119484862-27		
	Fatty alcohol ethoxylate	1 – 5 %
68439-50-9		
	Acute Tox. 4: H302; Eye Dam. 1: H318	
25307-17-9	Bis(2-hydroxyethyl) oleylamine	< 1 %
246-807-3		
	Acute Tox. 4: H302; Skin Corr. 1A: H314; Aquatic Acute 1: H400	
01-2119510876-35-0000		

Full text of H and EUH statements: see section 16.

Labelling for contents according to Regulation (EC) No. 648/2004

< 5 % non-ionic surfactants, contains fragrances.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After skin contact

Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. In case of skin irritation, consult a physician.

After eye contact

Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

After ingestion

Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

There may be shortness of breath with a burning sensation in the throat.

Skin contact

Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact

Corneal burns may occur. May cause permanent damage.

Ingestion

Corrosive burns may appear around the lips. There may be bleeding from the mouth or nose.

Delayed / immediate effects

Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used.

5.2 Special hazards arising from the substance or mixture

Exposure hazards

Corrosive.

5.3 Advice for fire-fighters

Special protective equipment

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Prevent the extinguishing water into surface water or groundwater.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. Keep unprotected people away and stay on the upwind side. Provide adequate ventilation.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Wash with plenty of water. Refer to section 13 of SDS for suitable method of disposal.

6.4 Reference to other sections

Refer to section 8 of SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store in cool, well ventilated area. Keep container tightly closed. Keep away from food, drink and animal feedingstuffs.
Storage class: 8B (Non-combustible corrosive substances)

Suitable packaging

Must only be kept in original packaging. Don't use metal containers.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients: SALT ACID (30%IG)

Exposure limits **Respirable dust**

	8 St. AGW	Peak	8 St. AGW	Peak
DE	2 ppm	4 ppm		

8.2 Exposure controls

Engineering measures

Ensure there is sufficient ventilation of the area.

Eye protection

Tightly fitting safety goggles.

Hand protection

Protective gloves. Suitable material: NR (natural rubber), CR (polychloroprene) or NBR (nitrile rubber), category III according to EN 374. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Breakthrough time (maximal wear duration): Wear duration with occasional contact, splashes (Level 2: < 30 min): Disposable-gloves, Thickness of the material 0,1mm. Wear duration with permanent contact (Level 6: < 480min): Protective gloves, Thickness of the glove material 0,7 mm. Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection

Respiratory protection not required.

Skin protection

Not applicable.

Environmental

No special requirement.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	liquid
Colour:	red
Odour:	perfumes

		Test method
pH-value (1 %):	2	

Oxidizing properties

Not oxidising.

Relative density:	1,06 g/ml
Water solubility:	miscible
Viscosity:	non viscous

9.2. Other information

Not determined

SECTION 10: Stability and reactivityt

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

10.5 Incompatible materials

Bases.

10.6 Hazardous decomposition products

In combustion emits toxic fumes. After contact with alkali (lye) development of heat.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS-No.	Chemical name				
	Route of exposure	Method	Dose	Species	Source
	Fatty alcohol ethoxylate				
	Oral	LD50	> 200 - ≤ 200 mg/kg	Ratte	
	HCl				
	oral	LD50	900 mg/kg	RBT	

Symptoms / routes of exposure

Inhalation

There may be shortness of breath with a burning sensation in the throat.

Skin contact

Blistering may occur. Progressive ulceration will occur if treatment is not immediate

Eye contact

Corneal burns may occur. May cause permanent damage.

Ingestion

Corrosive burns may appear around the lips. There may be bleeding from the mouth or nose.

Delayed / immediate effects

Immediate effects can be expected after short-term exposure.

SECTION 12: Ecological information

12.1. Toxicity

Eco toxicity

CAS-No.	Chemical name					
	Aquatic toxicity	Method	Dose	[h] | [d]	Species	Source
	HCl (37%)					
	Acute fish toxicity	LC50	862 mg/l	96 h	Leuciscus idus	
	Acute crustacea toxicity	EC50	56 mg/l	48 h	Daphnia magna (Big water flea)	
	Oleylamin					
	Acute fish toxicity	LC50	0,39 mg/l	96 h		

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

12.6. Other adverse effects

The product has not been tested. Data apply to the components with the highest toxicological risk.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations

Dispose of waste according to applicable local, state and federal regulations.

Waste disposal number of waste from residues/unused products

060102 Hydrochloric acid.

Disposal of packaging

May be reused following decontamination.

Note

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

14.1 UN-number UN 1789

14.2 UN proper shipping name

Hydrochloric acid, LQ: 1l

14.3 Transport hazard class(es)

8

14.4 Packing group

II

Tunnel code: E
Transport category: 2

14.5 Environmental hazards

No data available.

14.6 Special precautions for user

Environmentally hazardous no
Marine pollutant: no

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Inapplicable

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 1 - water contaminating

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:
PROC 1: Use in closed processes.
PROC 8 Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.
PROC 10 (Roller application or brushing): Processing without large-scale spraying.
PROC 11 ((Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).
PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection.

Relevant H and EUH statements (number and full text)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.