Safety data sheet

According to (EC) No. 1907/2006 and (EC) 2020/878

PICA T4-S

Date of issue: 2022-04-19 (Version1)

SECTION1. Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier	Pica T4-S UFI: N720-G0VV-H008-TEHS
1.2 Relevant identified uses of the substance or mixture and uses advised against	Facade cleaner Professional use
1.3 Details of the supplier of the safety data sheet	PICA Kemi AB
Address	Teknikvägen 3 SE-245 34 Staffanstorp, Sweden
Telephone	+46 (0)40-185820
Contact	www.picakemi.se/picakemi@picakemi.se
1.4 Emergency telephone number	Swedish Poison information. In less acute cases during office hours: +46(0)10-4566700

SECTION 2: Hazards identification

2.1 Classification
Classification CLP (1272/2008/EC)
Skin corrosion/irritation, Hazard Category 1C: H314
Serious eye damage/eye irritation, Hazard Category: H318
Specific target organ toxicity — Single exposure, Hazard Category 3, Respiratory tract irritation: H335
2.2 Label elements
Pictogram

Signal Word: Danger
Contents
Hydrochloric acid 11%
Hazard statement Code(s)
H314: Causes severe skin burns and eye damage.
H335: May cause respiratory irritation
Precautionary statements
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.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
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.
Classification comment
The product has been classified as H314 due to its low pH.

SECTION 3: Composition/information on ingredients

3.2 Chemical composition: mixture

Components	CAS-No: EC-No: Reg-No:	Conc %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Hydrochloric acid ** Index: 017-002-01-x	7647-01-0 231-595-7 01-2119484862-27	10-15	Met. Corr. 1 Skin Corr. 1A STOT SE 3	H290 H314 H335
Citric acid anhydrate	77-92-9 201-069-1 01-2119457026-42	5-10	Eye Irrit. 2	H319
Alcohols, C9-11 Ethoxylated	68439-46-3 -	5-10	Acute Tox. 4 Eye Dam. 1	H302 H318
Trimethyl-3-[(1-oxo-10-undecenyl)amino]propylammonium metyl sulfate	94313-91-4 304-990-8 01-2120736263-59	1-<2,5	Skin Irrit. 2 Eye Dam. 1 Aquatic Acute 1 M=10	H315 H318 H400
Isopropanol Index: 603-117-00-0	67-63-0 200-661-7 01-2119457558-25 02-2119666176-32	1-6	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336

* The full text of Hazard statement Codes are listed under section 16.
Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.
The classification is based on data from the chemical supplier and http://echa.europa.eu (database)
** SCL
Eye Irrit. 2; H319: 10 % ≤ C < 25 %
STOT SE 3; H335: C ≥ 10 %
Skin Corr. 1B; H314: C ≥ 25 %
Skin Irrit. 2; H315: 10 % ≤ C < 25 %

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

Remove to fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Skin contact

Immediately, take off all contaminated clothing wash with soap and water and rinse the skin thoroughly. Burns should be treated by a doctor.

Eye contact

Important! Rinse immediately with water for at least 15 minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Go to hospital or eye specialist. If possible, continue to rinse during transport.

Ingestion

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

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

Inhalation:	May cause respiratory irritation.
Skin contact:	May cause chemical burns with blisters, sores or burns which may be difficult to heal.
Eye contact:	Give severe pain and irritation. May severely injure the eyes.
Ingestion:	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

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Water mist, foam, powder, carbon dioxide.

Do not use a directed water jet, it will spread the fire.

5.2 Special hazards arising from the substance or mixture

In case of fire and heavy heating, corrosive and harmful gases can be formed.. Do not breathe fumes.

5.3 Special protective equipment

Wear a self-contained 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.
6.2 Environmental precautions
Do not flush larger amounts of product 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. Don't forget protective gloves! Larger spill: Contain spill with inert material. Absorb in vermiculite, dry sand or dirt.
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.
Avoid contact with skin and eyes.
Ensure adequate ventilation.
Use personal protective equipment
Provide eyewash station.
7.2 Conditions for safe storage, including any incompatibilities
Store in original packaging, tightly closed and dry.
Store at room temperature.
7.3 Specific end use(s)
-

SECTION 8: Exposure controls/personal protection

8.1 Appropriate engineering controls
Ensure adequate ventilation. Provide eyewash station.
Exposure limits
Swedish limit values or limit values according to the European commission

Substance	CAS-No	Level limit value	Short time value	Note
Hydrochloric acid	7647-01-0	2ppm 3mg/m³	4 ppm 6mg/m³	-
Isopropanol	67-63-0	150ppm 350mg/m³	250ppm 600mg/m³	V

Explanation of note:
H = The substance can be easily absorbed through the skin. V = Indicative short-term limit value

SECTION 8: Exposure controls/personal protection (…)

British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS Nr	Long-term exposure Limit	Short-term exposure limit	Comments
Hydrogen chloride	7647-01-0	1 ppm 2 mg/m^3	5 ppm 8 mg/m^3	-
Isopropanol	67-63-0	400 ppm 999 mg/m^3	500 ppm 1250 mg/m^3	

DNEL

Trimethyl-3-[(1-oxo-10-undecenyl)amino]propylammonium metyl sulfate (94313-91-4)	Longterm exposure – Worker Dermal: 2,9mg/kg Longterm exposure – Worker Dermal – NOAEL: 286 mg/kg Longterm exposure – Worker Inhalation: 10,1 mg/m^3 Longterm exposure – Worker Inhalation – NOAEL: 286 mg/m^3 Longterm exposure – Consumer Oral: 1,43 mg/kg Longterm exposure – Consumer Oral – NOAEL:286 mg/kg Longterm exposure – Consumer Dermal: 1,46 mg/kg Longterm exposure – Consumer Dermal – NOAEL: 286 mg/kg Longterm exposure – Consumer Inhalation: 2,5 mg/m^3 Longterm exposure – Consumer Inhalation – NOAEL: 286 mg/kg

PNEC

Trimethyl-3-[(1-oxo-10-undecenyl)amino]propylammonium metyl sulfate (94313-91-4)	0,00032 mg/l	Freshwater
Trimethyl-3-[(1-oxo-10-undecenyl)amino]propylammonium metyl sulfate (94313-91-4)	0,000032 mg/l	Saltwater

SECTION 8: Exposure controls/personal protection

8.2 Exposure controls

General protective and hygiene measures

Wash hands during work breaks and at the end of the shift.
The usual precautionary measures for the handing of chemicals have to be observed.
Avoid contact with eyes and skin.

Individual protection measures, such as personal protective equipment

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

Respiratory protection

In case of insufficient ventilation or if the concentration exceeds workplace limits a respirator fit for purpose must be used. (Full face mask with filter B2 / P2)

Hand protection

Use chemical resistant gloves. (E.g., Nitrile rubber, Butyl rubber)
When selection gloves, several parameters must be taken into account, usage, handling time, breakthrough time.etc

Eye protection

Wear tightly fitting protective goggles.

Body protection

Wear chemical resistant clothes.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	Liquid
Colour:	Not determined
Odour	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point (°C):	>100
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	~0,5
Kinematic viscosity	Not determined
Solubility	Not determined
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	Not determined
Relative vapour density	Not determined
Particle characteristics	Not relevant.

9.2 Other information:

No further information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
Stable under recommended storage and handing conditions
10.2 Chemical stability
Stable under recommended storage and handing conditions.
10.3 Possibility of hazardous reactions
No known
10.4 Conditions to avoid
No known
10.5 Incompatible materials
Avoid strong acids, strong oxidizing agents and certain metals such as aluminum and zinc.
10.6 Hazardous decomposition products
No known

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
See section 4. (Most important symptoms and effects, both acute and delayed)
Inhalation
Irritating
Skin contact
Corrosive.
Eye contact:
Corrosive.
Ingestion:
Corrosive
Acute toxicity
Information about this preparation is not available.

Toxicology data for the containing components

Hydrochloric acid (7647-01-0)	LD_{50} Oral Rabbit: 900 mg/kg LD_{50} Dermal Rabbit: >5010 mg/kg (31,5% HCl) LC_{50} Inhalation Rat 1h: 3124 ppm
Citric acid anhydrate (77-92-9)	LD_{50} Oralt Rat: 5400 mg/kg LD_{50} Dermal Rat: >2000 mg/kg
Alcohols, C9-11 Ethoxylated (68439-46-3)	LD_{50} Oralt: 1378 mg/kg LD_{50} Dermal: >2000 mg/kg
Trimethyl-3-[(1-oxo-10-undecenyl)amino]propylammonium metyl sulfate (94313-91-4)	LD_{50} Oralt Rat: >2350 mg/kg LD_{50} Dermal Rat: >2000 mg/kg
Isopropanol (67-63-0)	LD_{50} Oralt Rat: 4710 mg/kg LD_{50} Dermal Rabbit: 12800 mg/kg LC_{50} Inhalation Rat 4h: 72,6 mg/l

SECTION 11: Toxicological information

STOT-single exposure -repeated exposure
May cause respiratory irritation
Hydrochloric acid (7647-01-0) Risk of pulmonary edema if acid vapors have been inhaled for a long time.
Routes of exposure
Eyes and skin, inhalation, (ingestion)
Allergenic potential
The 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.
11.2. Information on other hazards
No known.

SECTION 12: Ecological information

This product is not classified as dangerous for the environment.
Avoid uncontrolled releases to surface water and sewage
12.1 Toxicity
Information about this preparation is not available.

Toxicology data for the containing components:

Hydrochloric acid (7647-01-0)	LC_{50} Fish, 96 h: 282 mg/l Sp: Gambusia affinis EC_{50} Daphnia, 48 h: 46-104 mg/l Sp: Daphnia magna
Citric acid anhydrate (77-92-9)	LC_{50} Fish 96h: 440-760 mg/l Sp: Leuciscus idus EC_{50} Daphnia 72h: 120mg/l IC_5 Algea 8d: 80mg/l Sp:M. Aeruginosa EC_5 Bakterier 16h: Art Pseudomonas putida
Trimethyl-3-[(1-oxo-10-undecenyl)amino]propylammonium metyl sulfate (94313-91-4)	ErC_{50} Algea 72h: 0,097 mg/l LC_{50} Fish 96h: >251,3mg/l EC_{50} Daphnia 48h: 136 mg/l
Isopropanol (67-63-0)	LC_{50} Fish 96h: 4200 mg/l Sp: Rasbora heteromorpha EC_{50} Daphnia 48h: 13299 mg/l

12.2 Persistence and degradability
Hydrochloric acid (7647-01-0) – Unorganic compound
Citric acid anhydrate (77-92-9) - 98% in 2 days OECD 302 TG.
BOD: 481 mg / g. COD: 685 mg / g. ThOD: 686 mg / g
Isopropanol (67-63-0) - The product is easily degradable. 84% on 28d. OECD 301D
BOD5 / COD 0.3-0.6
12.3 Bioaccumulative potential
Hydrochloric acid (7647-01-0) – Bioaccumulation unlikely.
Citric acid anhydrate (77-92-9) - Not considered to be bioaccumulative. Log Pow: -1.72 (20 ° C) OECD TG 117
Isopropanol (67-63-0) - Does not bioaccumulate in aquatic environment. Log Pow: 2.97
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 that meet the criteria for classification as PBT or vPvB substances.

SECTION 12: Ecological information (…)

12.6. Endocrine disrupting properties
No known.
12.7. Other adverse effects
No known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:
This product or residues of concentrated product is classified as hazardous waste.
Dispose of in accordance with local authority requirements. Do not empty into drain.
EWC suggestions for waste
20 01 29* detergents containing dangerous substances
Disposal of Packaging:
Well cleaned packaging could be left for recycling.

SECTION 14: Transport information

The product is classified as dangerous goods according to ADR/RID, IMDG, DGR.
14.1 UN number
3264
14.2 Proper shipping name (IMDG,IATA/ICAO)
CORROSIVE ACID, LIQUID INORGANIC N.O.S. (HYDROCHLORIC ACID)
14.3 Transport hazard class(es)
8
14.4 Packing group
III
14.5 Environmental hazards
Marine pollutant: No
14.6 Special precautions for user
-
14.7 Maritime transport in bulk according to IMO instruments
-
LQ
5L
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). EH40/2005
15.2 Chemical safety assessment
None performed.

SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3:
H225: Highly flammable liquid and vapour
H290 May be corrosive to metals.
H302 Harmful if swallowed
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation
H318: Causes serious eye damage.
H319: Causes serious eye irritation
H335 May cause respiratory irritation.
H336: May cause drowsiness or dizziness
H400: Very toxic to aquatic life

The user of this product must decide if the information in this safety data sheet is sufficient for which the product will be used.

Version 1: 2022-04-19
Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 2020/878.

Sources
Safety data sheet provided by the manufacturer. CLP-regulation
www.kemi.se (Database), EH40/2005, http://echa.europa.eu (Database).

Abbreviations explanations
ADR: International Carriage of Dangerous Goods by Road
BCF: Bio Concentration Factor
CAS-nr: Chemical Abstracts Service number
EC_{50}: Effect Concentration
EG-nr: A substance number i Einecs, Elincs or in No-Longer Polymers List.
IMDG: International Maritime Dangerous Goods Code.
LC_{50}: Lethal Concentration
LD_{50}: Lethal Dose
IC_{50}: Median Inhibition Concentration
NOEC: No Observed Effect Concentration
PBT-substance: Persistent, Bio accumulative and Toxic substances.
vPvB-substance: Very persistent and Very Bio accumulative substances.
NOEC: No Observed Effect Concentration