

Date of issue: 2021-03-09 (Version1)

SECTION 1. Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier	Pica F14
1.2 Relevant identified uses of the substance or mixture and uses advised against	Pica F14 is a water-based alkaline facade cleaner that effectively removes, soot, dirt, traffic film, algae moss mold etc.
1.3 Details of the supplier of the safety data sheet	PICA Kemi AB
Address	Kabingatan 13 SE-212 39 Malmö
Telephone	+46 (0)40-185820
Contact	www.picakemi.se/picakemi@picakemi.se
1.4 Emergency telephone number	112 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 1B: H314

Serious eye damage/eye irritation, Hazard Category: H318

2.2 Label elements

Pictogram



Signal Word: Danger

Contents

Potassium hydroxide

Hazard statement Code(s)

H314: Causes severe skin burns and eye damage.

Precautionary statements

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

P261 Avoid breathing fume /spray.

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 and Category Code(s)	Hazard statement Code(s)*
Potassium hydroxide **	1310-58-3 215-181-3	2-<5	Met Corr 1 Acute tox 4 Skin Corr 1A Eye Dam. 1	H290 H302 H314 H318
C9-11 Alcohol etoxylated	68439-46-3 - Exception	1-10	Acute Tox. 4 Eye Dam. 1	H302 H318
Trimethyl-3-[[1-oxo-10-undecenyl)amino]pr opylammonium methyl sulphate	94313-91-4 304-990-8	1-5	Skin Irrit. 2 Eye Irrit. 2	H315 H319

* 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: $0,5 \% \leq C < 2 \%$

Skin Corr. 1A; H314: $C \geq 5 \%$

Skin Corr. 1B; H314: $2 \% \leq C < 5 \%$

Skin Irrit. 2; H315: $0,5 \% \leq C < 2 \%$

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. 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. 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.

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SECTION 4: First aid measures

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

Inhalation:	High levels of vapor 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.

5.2 Special hazards arising from the substance or mixture

During fire, gases hazardous to health may 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 concentrated 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 earth. Flush afterwards with water.

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.

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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. Provide eyewash station.

Read instructions before use. Use personal protective equipment

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container.

Store frost-free.

Do not expose the product to heat or direct sunlight.

7.3 Specific end use(s)

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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
Potassium hydroxide - Inhalable dust	1310-58-3	1 mg/m ³	2 mg/m ³	-

British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS Nr	Long-term exposure Limit	Short-term exposure limit	Comments
Potassium hydroxide	1310-58-3	-	2 mg/m ³	

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 handling 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. (P3 particlefilter)

Hand protection

Use chemical resistant gloves. (E.g., Nitrile 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.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	Liquid
Colour:	Clear, slightly yellow
Odour	Allmost odor free
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	Ca 14
Kinematic viscosity	Not determined
Solubility	Not available
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 determined

9.2 Other information:

No specific

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

Contact with copper, aluminum, tin and zinc can cause the evolution of flammable hydrogen gas.

10.4 Conditions to avoid

No known

10.5 Incompatible materials

May attack certain plastics and metals. Reacts with acids.

10.6 Hazardous decomposition products

No known under recommended storage and handing conditions

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Inhalation

Corrosive.

Skin contact

Corrosive.

Eye contact:

Corrosive.

Ingestion:

May be corrosive.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components

Potassium hydroxide (1310-58-3)	LD ₅₀ Oral Rat: 273 mg/kg
C9-11 Alcohol etoxylated (68439-46-3)	LD ₅₀ Oral Rat: 1378 mg/kg LD ₅₀ Dermal Rabbit: >200 mg/kg

STOT-single exposure -repeated exposure

No known.

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.

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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:

Potassium hydroxide (1310-58-3)	LC ₅₀ Fish 96h: 80 mg/l
C9-11 Alcohol etoxylated (68439-46-3)	LC ₅₀ , Fish, 96h: 10-15 mg/l

12.2 Persistence and degradability

Potassium hydroxide (1310-58-3) – Not readily biodegradable.

C9-11 Alcohol etoxylated (68439-46-3) – Readily biodegradable.

12.3 Bioaccumulative potential

C9-11 Alcohol etoxylated (68439-46-3) – Bioaccumulation unlikely.

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.

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.

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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

1814

14.2 Proper shipping name (IMDG,IATA/ICAO)

POTASSIUM HYDROXIDE, SOLUTION

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

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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.

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SECTION 16: Other information

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

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.

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

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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

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.

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

NOEC: No Observed Effect Concentration