

Date of last issue: 2020-10-05 (Version1)

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

1.1 Product identifier	Pica F55
1.2 Relevant identified uses of the substance or mixture and uses advised against	Detergents
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	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

Quaternary ammonium compounds, benzyl-C12-16-alkyl dimethyl, chlorides

Hazard statement Code(s)

H314: Causes severe skin burns and eye damage.

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.

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.

Date of last issue: 2020-10-05 (Version1)

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)*
Quaternary ammonium compounds, benzyl-C12-16-alkyl dimethyl, chlorides	68424-85-1 270-325-2	15-20	Met. Corr. 1 Acute Tox. 4 Skin Corr. 1B Eye Dam. 1 Aquatic Chronic. 1	H290 H302 H314 H318 H400
Ethanol Index: 603-002-00-5	64-17-5 200-578-6 01-2119457610-43-xxxx	1-<3	Flam. Liq. 2 Eye Irrit. 2	H225 H319
Isopropanol Index: 603-117-00-0	67-63-0 200-661-7 01-2119457558-25-xxxx	<1	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)

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. If symptoms persist, seek medical advice.

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. 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. Do not provoke vomiting. Seek medical treatment.

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:

May cause burns to gastrointestinal tract and stomach. Vomiting can aggravate the injury.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Date of last issue: 2020-10-05 (Version1)

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Water mist, alcohol resistant foam, powder, carbon dioxide.

5.2 Special hazards arising from the substance or mixture

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

Extinguishing water that has been in contact with the product can be corrosive.

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.

Keep the unprotected person at a distance.

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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Normal precautions taken when handling chemicals should be observed.

Use personal protective equipment

Avoid contact with skin and eyes.

Ensure adequate ventilation

Wash contaminated clothing before reuse.

Provide eyewash station.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in original container and dry.

Store away from food and feedstuff

Keep out of reach of children.

7.3 Specific end use(s)

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Date of last issue: 2020-10-05 (Version1)

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
Etanol	64-17-5	500 ppm 1000 mg/m ³	1000 ppm 1900 mg/m ³	V
Isopropanol	67-63-0	150 ppm 350 mg/m ³	250 ppm 600 mg/m ³	V

Explanation of note

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

British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS Nr	Long-term exposure Limit	Short-term exposure limit	Comments
Ethanol	64-17-5	1000 ppm 1920 mg/m ³	-	-
Propan-2-ol	67-63-0	400 ppm 999 mg/m ³	500 ppm 1250 mg/m ³	-

DNEL

Ethanol (64-17-5)	Long term exposure - Workers Systematic effects, inhalation: 950mg/m ³ Short term exposure - Workers Local effects, inhalation: 1900mg/m ³ Long term exposure - Workers Systematic effects, Dermal: 343 mg/kg Long term exposure - Consumers Systematic effects, inhalation: 114mg/m ³ Short term exposure - Consumers Local effects, inhalation: 950mg/m ³ Long term exposure - Consumers Systematic effects, Dermal: 206mg/kg Long term exposure - Consumers Systematic effects, oral: 87mg/kg
Isopropanol (67-63-0)	Long term exposure - Workers Systematic effects, Dermal: 888 mg/kg Long term exposure - Workers Systematic effects, inhalation: 500mg/m ³ Long term exposure - Consumers Systematic effects, Dermal: 319 mg/kg Long term exposure - Consumers Systematic effects, inhalation: 89 mg/m ³ Long term exposure - Consumers Systematic effects, Oral: 26 mg/kg

Date of last issue: 2020-10-05 (Version1)

SECTION 8: Exposure controls/personal protection (...)

PNEC

Etanol (64-17-5)	0,96mg/l	Freshwater
Etanol (64-17-5)	0,79mg/L	Seawater
Etanol (64-17-5)	2,75mg/L	Intermittent releases
Etanol (64-17-5)	580mg/L	Sewage Treatment Plant
Etanol (64-17-5)	3,6 mg/kg	Sediment Freshwater
Etanol (64-17-5)	2,9 mg/kg	Sediment Seawater
Etanol (64-17-5)	0,63 mg/kg	Soil
Isopropanol (67-63-0)	140,9 mg/L	Freshwater
Isopropanol (67-63-0)	28mg/kg	Soil
Isopropanol (67-63-0)	140,9 mg/l	Seawater
Isopropanol (67-63-0)	140,9 mg/l	Intermittent releases
Isopropanol (67-63-0)	2251 mg/l	Sewage Treatment Plant
Isopropanol (67-63-0)	552 /mg/kg	Sediment Freshwater

8.2 Exposure controls

General protective and hygiene measures

Wash hands during work breaks and at the end of the shift.

Avoid contact with eyes and skin.

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 case of insufficient ventilation or if there is a risk of inhalation of spray mist, wear suitable respiratory equipment.

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.

Date of last issue: 2020-10-05 (Version1)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Form:	Liquid
Colour:	Clear / Light yellow
Odour:	Not available
Odor threshold:	Not available
pH-value:	Not available
Melting point/ Freezing point (°C):	Not available
Boiling point/range: (°C):	Not available
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Upper / lower flammability limits or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density (air=1):	Not available
Density:	Not available
Solubility in water:	Not available
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (C):	Not available
Decomposition temperature (°C):	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidising properties:	Not available

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

No known

10.4 Conditions to avoid

No known

10.5 Incompatible materials

Avoid contact with strong oxidizing agents, anionic substances.

10.6 Hazardous decomposition products

No known under recommended storage and handing conditions

Date of last issue: 2020-10-05 (Version1)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Inhalation

High levels of vapor may cause respiratory irritation.

Skin contact

Irritating.

Eye contact:

Corrosive.

Ingestion:

Corrosive.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components

Quaternary ammonium compounds, benzyl-C12-16-alkyl dimethyl, chlorides (68424-85-1)	LD ₅₀ Oral Rat: 795 mg/l LD ₅₀ Dermal: > 5000 mg/kg
Etanol (64-17-5)	LD ₅₀ Oral Rat: 10470 mg/kg LD ₅₀ Dermal Rabbit: 17100 mg/kg LC ₅₀ Inandning 4h: 124,7 mg/l
Isopropanol (67-63-0)	LD ₅₀ Oral Rat: 5840 mg/kg LD ₅₀ Dermal Rabbit: >2000 mg/kg LC ₅₀ Inandning 4h: 66,1 mg/l

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.

Date of last issue: 2020-10-05 (Version1)

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:

Quaternary ammonium compounds, benzyl-C12-16-alkyl dimethyl, chlorides (68424-85-1)	LC ₅₀ Fish 96h: 0,85 mg/l OECD203 Art: Oncorhynchus mykiss EC ₅₀ Algea 72h: 0,026 mg/l OECD201 Art: Selenastrum capricornutum EC ₅₀ Daphnia 48h: 0,016 mg/l
Ethanol (64-17-5)	LC ₅₀ Fish h: 15300 mg/l Art: Pimephales promelas EC ₅₀ Algea 72h: 275 mg/l Art: Chlorella vulgaris EC ₅₀ Daphnia 48h: 12340 mg/l
Isopropanol (67-63-0)	LC ₅₀ Fish 48h: 8970-9280 mg/l Art: Leuciscus idus melanotus EC ₅₀ Algea 72h: 1800 mg/l Art: Scenedesmus quadricauda EC ₅₀ Daphnia 24h: 9714 mg/l

12.2 Persistence and degradability

Quaternary ammonium compounds, benzyl-C12-16-alkyl dimethyl, chlorides (68424-85-1) – Readily biodegradable.

Ethanol (64-17-5) – Readily biodegradable

12.3 Bioaccumulative potential

Quaternary ammonium compounds, benzyl-C12-16-alkyl dimethyl, chlorides (68424-85-1) – Does not bioaccumulate.

Ethanol (64-17-5) – Does not bioaccumulate.

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 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- code: Depends on line of business and use.

EWC suggestions for waste

20 01 29* Detergents containing dangerous substances.

Disposal of Packaging:

Well cleaned packaging could be left for recycling.

Date of last issue: 2020-10-05 (Version1)

SECTION 14: Transport information

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

14.1 UN number

1760

14.2 Proper shipping name (IMDG,IATA/ICAO)

CORROSIVE LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)

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

-

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

-

LQ

(E)

Tunnel restriction code

1L

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.

Date of last issue: 2020-10-05 (Version1)

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.
H318: Causes serious eye damage.
H319 Causes serious eye 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: 2020-10-05

Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 2015/830.

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