

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

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

1.1 Product identifier

Substance name / Trade name: Feste Spülseife
Index-No.: No data available.
EG-No.: No data available.
CAS-No.: No data available.
REACH registration no.: No data available.
Other means of identification: No data available.
Unique Formula Identifier (UFI): D14T-6U0Q-6008-4C7S

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

Relevant identified uses: Detergents and cleaning agents
Uses advised against: None identified.

1.3 Details of the supplier of the safety data sheet

Supplier name: NAIKED GmbH
Address: Luisenweg 109
D-20537 Hamburg
Telephone: +49 (0)40 60 77 836 25
E-Mail: christoph@naiked.de

1.4 Emergency telephone number: Supplier telephone: +49 (0)40 60 77 836 25 (08:30 – 16:30)

Section 2: Hazards identification

2.1 Classification of the substance or mixture.

Classification according to Regulation (EC) No. 1272/2008
Skin Irrit. 2 (Skin corrosion/irritation, Category 2, H315)
Eye Irrit. 2, H319 (Serious eye damage/Eye irritation, Category 2, H319)
Skin Sens. 1, H317 (Skin sensitisation, Category 1, H317)
For the full text of the H- and EUH-Statements mentioned in this section, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms:



Signal word: Warning.

Hazards determining components for labelling:

Hazard statements: H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.

Precautionary statements: P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P333+313: If skin irritation or a rash occurs: Get medical advice/attention.
P337+313: If eye irritation persists get medical advice/attention.

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

Supplemental hazard information: None.

2.3 Other hazards:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 3: Composition/information on ingredients

3.1 Substances

This product is a mixture.

3.2 Mixtures

Substance name: Fatty acids, coconut, sodium salts

Index-No.: No data available.

EC-No.: 263-050-4

CAS-No.: 61789-31-9

Molecular weight: Mixture.

Formula: Mixture.

REACH registration no.: No data available.

Concentration [%] ≤ 70.0

Classification according to Regulation (EC) No. 1272/2008:

Skin Irrit. 2 (Skin corrosion/irritation, Category 2, H315)

Eye Irrit. 2 (Serious eye damage/Eye irritation, Category 2, H319)

Substance name: Citric acid

Index-No.: No data available.

EC-No.: 201-069-1

CAS-No.: 77-92-9

Molecular weight: 192,12 g/mol

Formula: C₆H₈O₇

REACH registration no.: 01-2119457026-42-XXXX

Concentration [%] ≤ 5.00

Classification according to Regulation (EC) No. 1272/2008:

Eye Irrit. 2 (Serious eye damage/Eye irritation, Category 2, H319)

Substance name: CITRUS AURANTIUM DULCIS PEEL OIL

Index-No.: No data available.

EC-No.: 232-433-8

CAS-No.: 8008-57-9

Molecular weight: Mixture.

Formula: Mixture.

REACH registration no.: 01-2119493353-35-XXXX

Concentration [%] ≤ 2.00

Classification according to Regulation (EC) No. 1272/2008:

Flam. Liq. 3 (Flammable liquids, Category 3, H226)

Asp. Tox. 1 (Aspiration hazard, Category 1, H304)

Skin Irrit. 2 (Skin corrosion/irritation, Category 2, H315)

Skin Sens. 1B (Skin sensitisation, Category 1B, H317)

Aquatic Chronic 2 (Hazardous to the aquatic environment: Chronic hazard, Category 2, H411)

Substance name: CYMBOPOGON FLEXUOSUS HERB OIL

Index-No.: No data available.

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

EC-No.: 295-161-9
CAS-No.: 91844-92-7
Molecular weight: Mixture.
Formula: Mixture.
REACH registration no.: 01-2120119366-58-XXXX
Concentration [%] ≤ 0.50

Classification according to Regulation (EC) No. 1272/2008:

Skin Irrit. 2 (Skin corrosion/irritation, Category 2, H315)

Eye Irrit. 2 (Serious eye damage/Eye irritation, Category 2, H319)

Skin Sens. 1A (Skin sensitisation, Category 1A, H317)

Aquatic Chronic 2 (Hazardous to the aquatic environment: Chronic hazard, Category 2, H411)

Substance name: LITSEA CUBEBA FRUIT OIL
Index-No.: No data available.
EC-No.: 68855-99-2 / 90063-59-5
CAS-No.: 290-018-7
Molecular weight: Mixture.
Formula: Mixture.
REACH registration no.: 01-2120118332-70-XXXX
Concentration [%] ≤ 0.50

Classification according to Regulation (EC) No. 1272/2008:

Asp. Tox. 1 (Aspiration hazard, Category 1, H304)

Skin Irrit. 2 (Skin corrosion/irritation, Category 2, H315)

Skin Sens. 1 (Skin sensitisation, Category 1, H317)

Aquatic Chronic 2 (Hazardous to the aquatic environment: Chronic hazard, Category 2, H411)

For the full text of the H- and EUH-Statements mentioned in this section, see section 16.

Section 4: First aid measures

4.1 Description of first aid measures

General information: Consult a physician. Show this safety data sheet to the doctor in attendance.

Following inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Following skin contact: Wash off with soap and plenty of water. Consult a physician.

Following eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Following ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable: Use water spray, foam, dry chemical or carbon dioxide.

Not suitable: None identified.

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Use water to cool unopened containers.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove persons to safety. Vapours can accumulate in low areas. For personal protection see section 8.

Contaminated surfaces can be slippery.

6.2 Environmental precautions

Avoid further leakage or spillage if possible without risk. Do not let product enter drains.

If larger amounts are released into the sewage system/environment, the competent local authority must be informed.

6.3 Methods and materials for containment and cleaning up

With leftovers: Narrow spillage with neutralizing and non-combustible absorbent and collect for disposal in the appropriate containers according to local regulations.

6.4 Reference to other sections

For disposal see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Do not leave vessels open.

General hygiene measures:

- Do not eat, drink or smoke in working areas.

- Wash hands after use.

- Remove contaminated clothing and protective equipment before entering areas with food or drink.

Fire preventions

Normal measures for preventive fire protection.

Aerosol and dust generation preventions

Keep container tightly closed.

Environmental precautions

Store in a place with solvent-resistant floor or on a collecting basin so that the protection of groundwater is ensured in case of leakage. Always keep in containers of same material as the original.

Advice on general occupational hygiene

When using do not eat, drink or smoke. Wash hands before breaks and at end of work.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Close open containers carefully and kept upright to prevent leakage. Do not store together with strong oxidizing agents. Protect from frost.

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

Storage class (TRGS 510): Not applicable.

Classification according to Betriebssicherheitsverordnung (BetrSichV, Germany): Not applicable.

7.3 Specific end use(s)

Industry and sector specific guidelines: No data available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value/type of exposure	Control parameter	Basis
Citric acid	77-92-9	OEL – Inhalable fraction	2 mg/m ³	TRGS 900 – Occupational exposure limit
	Remarks	Senate Commission for the Examination of Harmful Substances of the DFG (MAK-Commission) There is no need to fear a risk of foetal damage if the occupational exposure limit value and the biological limit value (BGW) are complied with.		

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

No respiratory protection is needed. For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Avoid further leakage or spillage if possible without risk. Do not let product enter drains. Discharge into the environment must be avoided.

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Beige
Odour:	Characteristic, orange like
Odour Threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapour pressure:	No data available.
Vapour density:	No data available.
Relative density:	No data available.
Water solubility:	No data available.
Partition coefficient: (n-Octanol/Water)	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other safety information

No data available.

Section 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available. If used as intended dangerous reactions are not expected.

10.4 Conditions to avoid

Heat, moisture.

10.5 Incompatible materials

No data available.

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

10.6 Hazardous decomposition products

Other decomposition products – No data available.

In the event of fire: See section 5.

Section 11: Toxicological information

There are no toxicological studies for the mixture.

Acute toxicity

Citric acid; CAS: 77-92-9 / 5949-29-1

LD50 Rat (male): 11,700 mg/kg; OECD Test Guideline 401

LD50 Rat (male and female): > 2,000 mg/kg; OECD Test Guideline 402

Skin corrosion/irritation

Citric acid; CAS: 77-92-9 / 5949-29-1

Rabbit Result: No irritation; OECD Test Guideline 404

CYBBOPOGON FLEXUOSUS HERB OIL; CAS: 91844-92-7

Irritating to skin and mucous membranes.

Serious eye damage/eye irritation

Citric acid; CAS: 77-92-9 / 5949-29-1

Rabbit Result: Severe irritations; OECD Test Guideline 405; Causes serious eye irritation.

CYBBOPOGON FLEXUOSUS HERB OIL; CAS: 91844-92-7

Irritating to eyes.

Respiratory or skin sensitisation

CYBBOPOGON FLEXUOSUS HERB OIL; CAS: 91844-92-7

May be sensitising by skin contact.

Germ cell mutagenicity

Citric acid; CAS: 77-92-9 / 5949-29-1

Genotoxicity in vivo

Chromosome aberration test

Rat, male, Oral, Bone marrow

Result: negative; Method: OECD Test Guideline 475

Genotoxicity in vitro

Ames test, Salmonella typhimurium

Result: negative; Method: OECD Test Guideline 471

Carcinogenicity

According to current knowledge, no CMR effects known.

Reproductive toxicity

According to current knowledge, no CMR effects known.

Specific target organ toxicity - repeated exposure

No data available.

Specific target organ toxicity - single exposure

No data available.

Aspiration hazard

No data available.

Additional Information

Citric acid; CAS: 77-92-9 / 5949-29-1

RTECS: GE7350000

According to our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

Section 12: Ecological information

12.1 Toxicity

Citric acid; CAS: 77-92-9 / 5949-29-1

Toxicity to fish: LC50 *Leuciscus idus* (Golden orfe): 440 - 760 mg/l; 96 h (IUCLID)

Toxicity to daphnia and other aquatic invertebrates: EC5 *E.sulcatum*: 485 mg/l; 72 h (Lit.)

EC50 *Daphnia magna* (Water flea): ca. 120 mg/l; 72 h (IUCLID)

Toxicity to algae

IC5 *Scenedesmus quadricauda* (Green algae): 640 mg/l; 7 d (maximum permissible toxic concentration) (Lit.)

IC5 *M.aeruginosa*: 80 mg/l; 8 d (maximum permissible toxic concentration) (Lit.)

Toxicity to bacteria

EC5 *Pseudomonas putida*: > 10,000 mg/l; 16 h (maximum permissible toxic concentration) (Lit.)

CYMBOPOGON FLEXUOSUS HERB OIL; CAS: 91844-92-7

Toxic to fish.

12.2 Persistence and degradability

Citric acid; CAS: 77-92-9 / 5949-29-1

Biodegradability

98 %; 2 d OECD Test Guideline 302B

Readily eliminated from water

Biochemical Oxygen Demand (BOD)

526 mg/g (5 d) (IUCLID)

Chemical Oxygen Demand (COD)

728 mg/g (IUCLID)

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/mixture contains no components considered to be either persistent, bioaccumulative or toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Product

Dispose of contents / container in accordance with local / regional / national / international regulations or take contents / container to hazardous waste disposal.

Contaminated packaging

Dispose of as unused product in accordance with local / regional / national / international regulations or container to hazardous waste disposal.

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

Waste code according to European Waste Catalogue (EWC)

The six-digit waste classification must be specifically assigned according to industry-, origin-, waste or process categories. It must be possibly coordinated with the local competent authority (for example, city council or district office) or the disposer.

Special precautions

No data available.

Relevant EU or other regulations

No data available.

Section 14: Transport information

14.1 UN number

Not a dangerous good in the terms of the transport regulations.

14.2 UN proper shipping name

ADR / RID

Not a dangerous good in the terms of the transport regulations.

IMGD-Code / ICAO-TI / IATA-DGR

Not a dangerous good in the terms of the transport regulations.

14.3 Transport hazard class(es)

ADR / RID / IMGD-Code / ICAO-TI / IATA-DGR

Not a dangerous good in the terms of the transport regulations.

14.4 Packaging group

ADR / RID / IMGD-Code / ICAO-TI / IATA-DGR

Not a dangerous good in the terms of the transport regulations.

14.5 Environmental hazards

ADR / RID / IMGD-Code

Not a dangerous good in the terms of the transport regulations.

ICAO-TI / IATA-DGR

Not a dangerous good in the terms of the transport regulations.

14.6 Special precautions for user

No data available.

14.7 Bulk transport in accordance with Annex II of MARPOL 73/78 and the IBC Code.

Not a dangerous good in the terms of the transport regulations.

Section 15: Regulatory information

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

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

The information for the substance listings were compiled to the best knowledge and belief, and do not claim to be exhaustive in particular for mixtures.

National regulations (Germany)

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

Water hazard class: Water hazard class 1 (slightly hazardous to water, self-assessment)

Solvent Regulation (31. BImSchV): VOC-Quantity < 5 % (calculated)

Advice for employment restrictions:

Consider employment restrictions for young people according to § 22 JArbSchG.

Störfallverordnung: Quantity limits according to Störfallverordnung must be observed.

Classification according to Betriebssicherheitsverordnung (BetrSichV): Not applicable.

Other regulations, restrictions and prohibition regulations

TRGS 510 „Lagerung von Gefahrstoffen in ortsbeweglichen Behältern“

ZH 1/105 „Schutzkleidung-Merkblatt“

ZH 1/134 „Atenschutzmerkblatt“

ZH 1/562 „Lösemittel-Reinigungsanlagen“

ZH 1/566 „Merkblatt für Explosionsschutz-Maßnahmen an Lösemittel-Reinigungsanlagen“

BG-leaflet:

BGI 595 „Reizende Stoffe/Ätzende Stoffe“

BGR 180 „Umgang mit Lösemitteln“

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16: Other information

Changes since the last version

See sections/subsections: Version 1.1: 1.4; 13.1

Literature and data sources

REACH Regulation (EC) No. 1907/2006, including the subsequent amendments

CLP Regulation (EC) No. 1272/2008, including the subsequent amendments

<http://echa.europa.eu/en/candidate-list-table>

<http://gestis.itrust.de>

<http://www.baua.de>

<http://publikationen.dguv.de>

Full text of H-Statements referred to under sections 2 and 3.

According to Regulation (EC) No. 1272/2008:

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long-lasting effects

Methods according to article 9 of Regulation (EC) No. 1272/2008 to evaluate the information used for classification purposes

Health and environmental hazards: Calculation method

Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Material Safety Data Sheet – Feste Spülseife

Date: 2021-07-29

Revision date: 2021-07-30

Valid from: 2021-07-30

Version: 1.1

Replaces version: 1

BlmSchV Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes

CAS Chemical Abstracts Service

DIN Norm of the German Institute for Standardization

EC Effective concentration

EC European Community

EN European Norm

IATA-DGR International Air Transport Association-Dangerous Goods Regulations

IBC-Code International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

ICAO-TI International Civil Aviation Organization-Technical Instructions

IMDG-Code International Maritime Code for Dangerous Goods

ISO Norm of International Standards Organization

IUCLID International Uniform Chemical Information Database

LC Lethal concentration

LD Lethal dose

log K_{ow} Partition coefficient between Octanol and water

MARPOL Maritime Pollution Convention

OECD Organisation for Economic Co-operation and Development

PBT persistent, bioaccumulative, toxic

TRGS Technische Regeln für Gefahrstoffe

UN United Nations

VOC Volatile Organic Compounds

vPvB very persistent and very bioaccumulative

VwVwS Verwaltungsvorschrift wassergefährdender Stoffe

WGK Wassergefährdungsklasse (water hazard class)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. NAIKED GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.

This data sheet was created by:

Dr. Hobuß Consulting & Laboratorium – DHCL, Gebrüder-Grimm-Str. 42, 38165 Lehre, Germany

www.dhconlab.de – info@dhconlab.de