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

1.1 Product identifier

POLIFIN

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

Use of the substance/mixture

Special cleansing milk

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 according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Hazard categories:
Serious eye damage/eye irritation: Eye Dam. 1
Hazard Statements:
Causes serious eye damage.

2.2 Label elements

Hazard components for labelling:
Isotriedecanol, 3-5 EO
Cocamide diethanolamine

Signal word:	Danger
Pictograms:	GHS05

Hazard statements

H319	Causes serious eye damage.

Precautionary statements

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

Additional advice on labelling

Classification according to Regulation (EC) No. 1272/2008 [CLP]

2.3 Other hazards

For self-protection wear safety glasses.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous components

EG-No.	Chemical name	Quantity
CAS-No.		
Index-No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH-No.		
931-138-8	Isotriedecanol, 3-5 EO	1 - < 5 %
69011-36-5		
	Eye Dam. 1; H318	
	cocamide diethanolamine	1 - < 5 %
68603-42-9		
	Skin Irrit. 2, Eye Dam. 1; H315 H318	
204-857-3	sodium 3-nitrobenzenesulphonate	< 1 %
127-68-4		
609-048-00-2	Eye Irrit. 2, Skin Sens. 1; H319 H317	
227-813-5	(R)-p-Mentha-1,8-dien	< 1 %
5989-27-5		
601-029-00-7	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1 (M-Factor = 1); H226 H315 H317 H400 H410	

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

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation

In case of respiratory tract irritation, consult a physician.

After skin contact

In case of skin irritation, consult a physician.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Seek medical attention if problems persist.

4.2 Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

The product itself does not burn.
Use fire fighting measures that suit the environment.

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO2).

5.3 Advice for firefighters

Use appropriate respiratory protection. In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

rubber gloves, safty glasses (recommended).

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Take up mechanically. Suitable material for taking up:
Universal binding agent. Wipe up with absorbent material (eg. cloth, fleece). Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

High slip hazard because of leaking or spilled product.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

No special measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in a frost-free place.
Storage in the original delivery containers is permitted.

Advice on storage compatibility

No special measures are necessary.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limits (TRGS 900)

CAS-No.	Chemical name	ppm	mg/m^3	F/m^3	Limit	Kind
5989-27-5	(R)-p-Mentha-1,8-dien (D-Limonen)	5	28		4(II)	

8.2 Exposure controls

Appropriate engineering controls

No special measures are necessary.

Protective and hygiene measures

No special measures are necessary.

Eye/face protection

Framed glasses.

Hand protection

Wear suitable gloves.

Body/skin protection

Body protection: not required.

Environmental exposure controls

No special measures are necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: liquid
Colour: white

Odour: parfumes

		Test method
pH-value (1 %):	9 - 10	

Changes in the physical state

Initial boiling point and boiling range: 99,97 °C

Lower explosion limits:
Upper explosion limits:

Vapour pressure (at 20 °C):	23,37 hPa
Vapour pressure (at 50 °C):	123,3 hPa
Density:	1,15 g/cm³
Water solubility:	complete
Dyn. Viscosity:	< 100 mPa s

9.2. Other information

Not determined.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is stable under storage at normal ambient temperatures.

10.2 Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

The product is stable, if used in compliance with instructions.

10.5 Incompatible materials

Materials to avoid:
Acid

Further information

The product is stable under normal conditions.

10.6 Hazardous decomposition products

No dangerous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

CAS-No.	Chemical name				
	Route of exposure	Method	Dose	Species	Source
69011-36-5	Isotriedecanol, 3-5 EO				
	oral	LD50	> 2000 mg/kg	Rat	
	dermal	LD50	> 2000 mg/kg	Rabbit	
68603-42-9	cocamide diethanolamine				
	oral	LD50	> 2000 mg/kg	Rat	
	dermal	LD50	> 2000 mg/kg	Rabbit	

5989-27-5	(R)-p-Mentha-1,8-dien				
	oral	LD50	> 2000 mg/kg	Rat	
	dermal	LD50	> 2000 mg/kg	Rabbit	IUCLID

Irritation and corrosivity

Causes serious eye damage.

Sensitising effects

None known.

Carcinogenic/mutagenic/toxic effects for reproduction

None known.

Carcinogenic, mutagenic and teratogenic effects.

None known.

Practical experience

Observations relevant to classification

Diluted solutions may have a weaker effect, depending on the concentration.

Further information

Additional informations in according with Detergents Regulation: CITRAL, HEXYL CINNAMAL, LIMONENE, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, BENZYLALCOHOL.

SECTION 12: Ecological information

12.1 Toxicity

CAS-No.	Chemical name					
	Aquatic toxicity	Method	Dose	[h] | [d]	Species	Source
69011-36-5	Isotriedecanol, 3-5 EO					
	Acute fish toxicity	LC50	> 1 - 10 mg/l	96 h	Cyprinus carpio	OECD 203
	Acute algea toxicity	ErC50	> 1 - 10 mg/l		Desmodesmus subspicatus	OECD 201
	Acute crustacea toxicity	EC50	> 1 - 10 mg/l	48 h	Daphnia magna	OECD 202
68603-42-9	Coconut fatty acid diethanolamide					
	Acute fish toxicity	LC50	2,4 mg/l	96 h		
	Acute algea toxicity	ErC50	3,9 mg/l	72 h		
	Acute crustacea toxicity	EC50	3,2 mg/l	48 h		
5989-27-5	(R)-p-Mentha-1,8-dien					
	Acute fish toxicity	LC50	>100 mg/l	96 h	Pimephales promelas	
	Acute crustacea toxicity	EC50	>100 mg/l	48 h	Daphnia magna	

12.2 Persistence and degradability

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS-No.	Chemical name	Log Pow
68603-42-9	Cocamide diethanolamine	3,75
5989-27-5	(R)-p-Mentha-1,8-dien	4,23

BCF

CAS-No.	Chemical name	BCF	Species	Source
68603-42-9	coconut fatty acid diethanolamide	65,36	Aquatic	

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation. Hand over to officially registered waste disposal company.

Waste disposal number of waste from residues/unused products

070699 Wastes from organic chemical processes; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about land transport

lapse

Inland waterways transport (ADN)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about Inland waterways transport

lapse

Marine transport (IMDG)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about marine transport

lapse

Air transport (ICAO)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about air transport

lapse

14.5 Environmental hazards

no

14.6 Special precautions for user

endangering the environment: no

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

Not applicable.

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 – slightly water contaminating
Status	mixture rules VwVwS regulation 4, Nr. 3

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 (Transfer): 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)

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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.