



According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

## SAFETY DATA SHEET

# RV alhreinsir

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

#### 1.1. Product identifier

##### ▼ Trade name

RV alhreinsir

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

##### Relevant identified uses of the substance or mixture

PC35 Washing and cleaning products

##### Uses advised against

None known.

#### 1.3. Details of the supplier of the safety data sheet

##### Company and address

**Rekstravörur**

Réttarhálsi 2

IS-110 Reykjavík

Iceland

Tel.: +354 520 6666

Fax: +354 520 6665

www.rv.is

##### E-mail

sala@rv.is

##### Revision

11/08/2023

##### SDS Version

2.0

##### Date of previous version

02/08/2023 (1.0)

#### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### 2.2. Label elements

##### Hazard pictogram(s)

Not applicable.

##### Signal word

Not applicable.

##### Hazard statement(s)

Not applicable.

##### Precautionary statement(s)

General

-

Prevention

-



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#### Response

-

#### Storage

-

#### Disposal

-

#### Hazardous substances

None known.

#### Additional labelling

EUH210, Safety data sheet available on request.

#### 2.3. Other hazards

##### Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable. This product is a mixture.

#### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega- hydroxy-, branched	CAS No.: 69011-36-5 EC No.: 500-241-6 UK-REACH: Index No.:	3-5%	Acute Tox. 4, H302 (ATE: 501.00 mg/kg) Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.05 %)	[19]
Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts	CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

#### Labelling of contents according to Detergents Regulation (EC) No 648/2004

< 5%

- Anionic surfactants
- Non-ionic surfactants

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

##### Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek



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medical assistance and continue flushing during transport.

#### Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### Burns

Not applicable.

#### 4.2. Most important symptoms and effects, both acute and delayed

None known.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Not applicable.

#### 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

#### 5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

#### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

##### Recommended storage material

Always store in containers of the same material as the original container.

##### Storage temperature

No specific requirements

##### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.



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### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	93.8 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	263 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	6.53 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	37 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	2.5 mg/kg bw/day

#### PNEC

Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts

Route of exposure:	Duration of Exposure:	PNEC:
Activated Sludge Plant		>100 mg/l

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Route of exposure:	Duration of Exposure:	PNEC:
Activated Sludge Plant	Single	>10.000 mg/l
Freshwater		4.36 µg/L
Freshwater sediment		119.4 µg/kg
Intermittent release (freshwater)		5.44 µg/L
Intermittent release (marine water)		544 ng/L
Marine water		436 ng/L
Marine water sediment		11.94 µg/kg
Sewage treatment plant		4.35 mg/L
Soil		21.3 µg/kg

### 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

#### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

#### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

No specific requirements.

### 8.3. Individual protection measures, such as personal protective equipment

#### Generally

Use only UKCA marked protective equipment.



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#### Respiratory Equipment

Type	Class	Colour	Standards
No special when used as intended.			

#### Skin protection

Recommended	Type/Category	Standards
No special when used as intended.	-	-

#### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	0,38	> 480	EN374-2, EN374-3, EN388



#### Eye protection

Type	Standards
No special when used as intended.	-

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Form

Liquid

##### Colour

Clear

##### Odour

Pleasant

##### Odour threshold (ppm)

Testing not relevant or not possible due to the nature of the product.

##### pH

9,8

##### Density (g/cm<sup>3</sup>)

1.02

##### Viscosity

Testing not relevant or not possible due to the nature of the product.

#### Phase changes

##### Melting point (°C)

Testing not relevant or not possible due to the nature of the product.

##### Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

##### Vapour pressure

Testing not relevant or not possible due to the nature of the product.

##### Vapour density

Testing not relevant or not possible due to the nature of the product.

##### Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

##### Evaporation rate (n-butylacetate = 100)

#### Data on fire and explosion hazards

##### Flash point (°C)

Testing not relevant or not possible due to the nature of the product.

##### Ignition (°C)



According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Testing not relevant or not possible due to the nature of the product.

**Auto flammability (°C)**

Testing not relevant or not possible due to the nature of the product.

**Explosion limits (% v/v)**

Testing not relevant or not possible due to the nature of the product.

**Explosive properties**

Testing not relevant or not possible due to the nature of the product.

**Oxidizing properties**

Testing not relevant or not possible due to the nature of the product.

**Solubility**

**Solubility in water**

Completely soluble

**n-octanol/water coefficient**

Testing not relevant or not possible due to the nature of the product.

**Solubility in fat (g/L)**

Testing not relevant or not possible due to the nature of the product.

**9.2. Other information**

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**Acute toxicity**

Product/substance	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	500-2000 mg/kg ·
Product/substance	Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5000 mg/l ·
Product/substance	Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>5000 mg/l ·

**Skin corrosion/irritation**



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Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Long term effects

None known.

#### Other information

None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Product/substance	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	1-10 mg/l ·

Product/substance	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	1-10 mg/l ·

Product/substance	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	1-10 mg/l ·

Product/substance	Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	10-100 mg/l ·

Product/substance	Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	10-100 mg/l ·



According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Product/substance	Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	>100 mg/l ·

Product/substance	Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts
Species:	Fish
Duration:	No data available.
Test:	NOEC
Result:	1-10 mg/l ·

Product/substance	Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts
Species:	Daphnia
Duration:	No data available.
Test:	NOEC
Result:	0,1-1 mg/l ·

#### 12.2. Persistence and degradability

Product/substance	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Biodegradable:	Yes
Test method:	OECD 301 E
Result:	90%

Product/substance	Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts
Biodegradable:	Yes
Test method:	OECD 301 A
Result:	96%

#### 12.3. Bioaccumulative potential

Product/substance	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Test method:	
Potential bioaccumulation:	No
LogPow:	2,7700
BCF:	98
Other information:	

Product/substance	Alcohols, C12-14, even, numbered, ethoxylated, It, 2,5, EO, sulfates, sodium, salts
Test method:	
Potential bioaccumulation:	No
LogPow:	0,3000
BCF:	No data available.
Other information:	

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

#### 12.6. Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### Waste treatment methods

Product is not covered by regulations on dangerous waste.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

#### EWC code

20 01 30	Detergents other than those mentioned in 20 01 29
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Waste group C:  
Waste with high  
energy content

#### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

### SECTION 15: Regulatory information

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

##### Restrictions for application

Restricted to professional users.

##### Demands for specific education

No specific requirements.

##### SEVESO - Categories / dangerous substances

Not applicable.

##### Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

##### Sources

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.

H315, Causes skin irritation.

H318, Causes serious eye damage.



According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

H319, Causes serious eye irritation.

H412, Harmful to aquatic life with long lasting effects.

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

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

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

Not applicable.

#### ▼ The safety data sheet is validated by

Victoria

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en