

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 30202
Print date 13.08.2018
Version 5.2

ULANO ACTIGHOST RAPID GEL
Revision date 02.05.2018
Issue date 02.05.2018

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

1.1. product identifiers

Article No. (manufacturer/supplier): 30202
Identification of the substance or mixture ULANO ACTIGHOST RAPID GEL

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

Relevant identified uses

Cleaning agent, alkaline. Reserved for industrial and professional use.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

Made under license by
Kissel + Wolf GmbH Telephone: 49 6222 578-0
In den Ziegelwiesen 6 Telefax: 49 6222 578-100
69168 Wiesloch E-mail: info@kiwo.de
Germany

Dept. responsible for information:

RA - Regulatory Affairs
E-mail ra@kiwo.de

1.4. Emergency telephone number

Emergency telephone number +49 6222 578 219

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Skin Corr. 1A / H314	skin corrosion/irritation	Causes severe skin burns and eye damage.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.

2.2. Label elements

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

Hazard pictograms



Danger

Hazard statements

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.

Precautionary statements

P260 Do not breathe vapour.
P280 Wear protective gloves and eye/face protection.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.

contains:

sodium hydroxide
A mixture of: N,N'-ethane-1,2-diylbis(decanamide);
12-hydroxy-N-[2-[1-oxydecyl]amino]ethyl]octadecanamide;
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)

Supplemental Hazard information (EU)

not applicable

2.3. Other hazards

SECTION 3: Composition / information on ingredients

3.2. Mixtures

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Product description / chemical characterization

Description Mixture of components, as listed below, with nonhazardous constituents

Hazardous ingredients

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

EC No. CAS No. INDEX No.	REACH No. Chemical name classification: // Remark	Wt %
215-185-5 1310-73-2 011-002-00-6	01-2119457892-27 sodium hydroxide Skin Corr. 1A H314	12,5 - 15
210-483-1 616-45-5	01-2119475471-37 2-Pyrrolidone Eye Irrit. 2 H319	8 - 10
203-961-6 112-34-5 603-096-00-8	01-2119475104-44 2-(2-butoxyethoxy)ethanol Eye Irrit. 2 H319	7 - 8
500-212-8 68439-49-6	alcohols, C16-18, ethoxylated Acute Tox. 4 H302 / Eye Dam. 1 H318 / Aquatic Acute 1 H400 / Aquatic Chronic 3 H412	7 - 8
252-104-2 34590-94-8	01-2119450011-60 (2-methoxymethylethoxy)propanol Substance with a common (EC) occupational exposure limit value.	5 - 7
931-963-3 125304-09-8	Isononanol, ethoxylated, propoxylated, carboxymethylated Skin Irrit. 2 H315 / Eye Dam. 1 H318	5 - 7
215-181-3 1310-58-3 019-002-00-8	01-2119487136-33 potassium hydroxide Acute Tox. 4 H302 / Skin Corr. 1A H314	3 - 5
430-050-2	01-0000017633-70 A mixture of: N,N'-ethane-1,2-diylbis(decanamide); 12-hydroxy-N-[2-[1-oxyldecyl)amino]ethyl]octadecanamide; N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide) Skin Sens. 1 H317 / Aquatic Chronic 2 H411	1 - 2

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap. Immediate medical treatment required because corrosive injuries that are not treated are hard to cure. Take off immediately all contaminated clothing.

After eye contact

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Remove contact lenses.

After ingestion

Seek medical advice immediately. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide Water mist Foam

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Gases/vapours, toxic

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device.

Additional information

The danger areas must be delimited and identified using relevant warning and safety signs. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove persons to safety. Do not breathe vapours. See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations. Provide good ventilation.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid contact with eyes and skin. Do not inhale vapours or mist. Avoid: aerosol or mist formation Do not mix with other chemicals.

Do not eat, drink or smoke when using this product.

Personal protection equipment: refer to section 8.

Follow the legal protection and safety regulations.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Always keep in containers that correspond to the material of the original container.

Hints on joint storage

Do not store together with:

Acids, Oxidizing agent

Further information

VCI-storage class, see Chapter 15

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

2-(2-butoxyethoxy)ethanol

INDEX No. 603-096-00-8 / EC No. 203-961-6 / CAS No. 112-34-5

TRGS 900, AGW, TWA: 67 mg/m³; 10 ppm

TRGS 900, AGW, STEL: 100,5 mg/m³; 15 ppm

(2-methoxymethylethoxy)propanol

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EC No. 252-104-2 / CAS No. 34590-94-8
TRGS 900, AGW, TWA: 310 mg/m³; 50 ppm

Additional information

TWA : long-term occupational exposure limit value
STEL : short-term occupational exposure limit value
Ceiling : peak limitation

DNEL:

sodium hydroxide
INDEX No. 011-002-00-6 / EC No. 215-185-5 / CAS No. 1310-73-2

DNEL long-term inhalative (local), Workers: 1 mg/m³

(2-methoxymethylethoxy)propanol

EC No. 252-104-2 / CAS No. 34590-94-8

DNEL long-term dermal (systemic), Workers: 283 mg/kg

DNEL long-term inhalative (systemic), Workers: 308 mg/m³

PNEC:

(2-methoxymethylethoxy)propanol

EC No. 252-104-2 / CAS No. 34590-94-8

PNEC aquatic, freshwater: 19 mg/l

PNEC aquatic, marine water: 1,9 mg/l

PNEC aquatic, intermittent release: 190 mg/l

PNEC sediment, freshwater: 70,2 mg/kg

PNEC sediment, marine water: 7,02 mg/kg

PNEC, soil: 2,74 mg/kg

PNEC sewage treatment plant (STP): 4168 mg/l

2-(2-butoxyethoxy)ethanol

INDEX No. 603-096-00-8 / EC No. 203-961-6 / CAS No. 112-34-5

PNEC aquatic, freshwater: 1 mg/l

PNEC aquatic, marine water: 0,1 mg/l

PNEC sediment, freshwater: 4 mg/kg

PNEC sediment, marine water: 0,4 mg/kg

PNEC, soil: 0,4 mg/kg

PNEC sewage treatment plant (STP): 200 mg/l

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. Do not breathe vapour/aerosol.

Personal protection equipment

Respiratory protection

When splashes or fine mist form, a permitted breathing apparatus suitable for these purposes must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Hand protection

Chemical resistant protective gloves: DIN EN 374

Recommendation for contact by spatter: Protection Index 2

Permeation time >30 min., e.g. butyl rubber 0,4 mm

Recommendation for direct contact: Protection Index 6

Permeation time >480 min., e.g. nitrile rubber 0,4 mm

Eye protection

Wear closed protection glasses. DIN EN 166

Protective clothing

Protective clothing Alkali-resistant

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Appearance:	
Physical state:	Liquid
Colour:	depending on coloration
Odour:	typical
Odour threshold:	not applicable
pH at20 °C:	14
Melting point/freezing point:	not applicable
Initial boiling point and boiling range:	100 °C Source: water
Flash point:	not applicable
Evaporation rate:	not applicable
Flammability (solid, gas):	
Burning time (s):	not applicable
Upper/lower flammability or explosive limits:	
Lower explosion limit:	0,7 Vol-%
Upper explosion limit:	16,6 Vol-% Source: 2-Pyrrolidone
Vapour pressure at20 °C:	5,9242 mbar
Vapour density:	not applicable
Relative density:	
Density at20 °C:	1,16 g/cm ³
Solubility(ies):	
Water solubility (g/L) at20 °C:	partially soluble
Partition coefficient: n-octanol/water:	see section 12
Auto-ignition temperature:	210 °C Source: 2-(2-butoxyethoxy)ethanol
Decomposition temperature:	not applicable
Viscosity at °C:	n.a.
Decomposition temperature (°C):	0
Explosive properties:	not applicable
Oxidising properties:	not applicable
9.2. Other information	
Solid content (%):	45,73 Wt %
solvent content:	
Organic solvents:	29 Wt %
Water:	26 Wt %
Solvent separation test (%):	< 3 Wt % (ADR/RID)

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
No data on preparation itself available.

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11.1. Information on toxicological effects

Acute toxicity

2-(2-butoxyethoxy)ethanol
oral, LD50, Rat: 3305 mg/kg
dermal, LD50, Rabbit: 2764 mg/kg

skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Other observations:
Causes severe skin burns and eye damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

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

Do not store at public landfills.
Reserved for industrial and professional use.

12.1. Toxicity

2-(2-butoxyethoxy)ethanol
Fish toxicity, LC50, *Leuciscus idus* (golden orfe): > 100 mg/l (96 h)
Daphnia toxicity, EC50, *Daphnia magna*: > 100 mg/l (48 h)

Long-term Ecotoxicity

Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not 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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

**Appropriate disposal / Product
Recommendation**

List of proposed waste codes/waste designations in accordance with EWC

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080111 Waste paint and varnish containing organic solvents or other dangerous substances

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1. **UN number**

UN 1719

14.2. **UN proper shipping name**

Land transport (ADR/RID):

Caustic alkali liquid, n.o.s.
(Sodium hydroxide)

Sea transport (IMDG):

CAUSTIC ALKALI LIQUID, N.O.S.
(Sodium hydroxide)

Air transport (ICAO-TI / IATA-DGR):

Caustic alkali liquid, n.o.s.
(Sodium hydroxide)

14.3. **Transport hazard class(es)**

8

14.4. **Packing group**

II

14.5. **Environmental hazards**

Land transport (ADR/RID)

not applicable

Marine pollutant

not applicable

14.6. **Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code

E

Sea transport (IMDG)

EmS-No.

F-A, S-B

Segregation group

IMDG Code segregation group 18 - alkalis

Air transport (ICAO-TI / IATA-DGR)

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

not applicable

SECTION 15: Regulatory information

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

EU legislation

Directive 2010/75/EU on industrial emissions

VOC-value (in g/L): 187,480

Observe in addition any national regulations!

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

calculated with mixing rule

Substance/product listed in the following inventories:

15.2. **Chemical Safety Assessment**

For the following substances of this preparation a chemical safety assessment has been carried out:

EC No.

Chemical name

REACH No.

CAS No.

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215-185-5 1310-73-2	sodium hydroxide	01-2119457892-27
203-961-6 112-34-5	2-(2-butoxyethoxy)ethanol	01-2119475104-44
252-104-2 34590-94-8	(2-methoxymethylethoxy)propanol	01-2119450011-60
215-181-3 1310-58-3	potassium hydroxide	01-2119487136-33
430-050-2	A mixture of: N,N'-ethane-1,2-diylbis(decanamide); 12-hydroxy-N-[2-[1-oxydecyl]amino]ethyl]octadecanamide; N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)	01-0000017633-70

SECTION 16: Other information

Full text of classification in section 3:

Skin Corr. 1A / H314	skin corrosion/irritation	Causes severe skin burns and eye damage.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Aquatic Acute 1 / H400	Hazardous to the aquatic environment	Very toxic to aquatic organisms.
Aquatic Chronic 3 / H412	Hazardous to the aquatic environment	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2 / H315	skin corrosion/irritation	Causes skin irritation.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.

Further information

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

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.