

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 20.10.2020

V - 5.0

Revision: 14.07.2020

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

- **Product identifier**
- **Trade name:** VIGON® RC 101 Ready-to-use
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture** Cleaning agent/ Cleaner
- **Uses advised against** No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
ZESTRON
...a Business Division of Dr.O.K.Wack
Chemie GmbH Bunsenstrasse 6
D - 85053 Ingolstadt
Tel. +49 841 63590 Fax +49
841 63540 www.zestron.com
info@ZESTRON.com
- **Further information obtainable from:** Safety department
- **Emergency telephone number:** During business hours: +49 841 63523

2 Hazards identification

- **Classification of the substance or mixture**
The product is not classified according as hazardous to the Globally Harmonised System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

* **3 Composition/information on ingredients**

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of the substances with nonhazardous additions.
- **Components:**

124-68-5	2-amino-2-methylpropanol	1-<3.0%
Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412		
34590-94-8	Dipropylene glycol monoethyl ether	1-<5.0%
Not classified.		

4 First aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately remove any clothing soiled by the product.
Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

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- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** *Do not induce vomiting; call for medical help immediately.*
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** Void
- **Indication of any immediate medical attention and special treatment needed** Void

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** *Water with full jet*
- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:** *Wear self-contained respiratory protective device.*

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
*Do not allow to penetrate the ground/soil.
Do not allow to enter sewers/ surface or ground water.*
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.
- **Reference to other sections**
*See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment. See Section 13 for disposal information.*

*** 7 Handling and storage**

- **Handling:**
- **Precautions for safe handling**
*Ensure good ventilation/exhaustion at the workplace.
The usual precautionary measures are to be adhered to when handling chemicals.*
- **Information about fire - and explosion protection:**
*Cool endangered receptacles with water spray.
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *Store in cool, dry conditions in well sealed receptacles. Provide floor trough without outlet.*
- **Information about storage in one common storage facility:** *Store away from oxidising agents.*
- **Further information about storage conditions:** *Protect from frost.*

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· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:** 34590-94-8 Dipropylene glycol monomethyl ether

IOELV (EU)	Long-term value: 308 mg/m ³ , 50 ppm Skin
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· **DNELs**

34590-94-8 Dipropylene glycol monomethyl ether

Dermal	DNEL system. effects (long-term)	283 mg/kg KG/Tag (Worker)
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Inhalative	DNEL system. effects (long-term)	308 mg/m ³ (Worker)
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· **PNECs**

34590-94-8 Dipropylene glycol monomethyl ether

PNEC 1.9 mg/l (Meerwasser)

19 mg/l (fresh water)

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

· **Respiratory protection:** Not necessary if room is well-ventilated.

· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:

Fluid

Colour:

Yellowish

Clear

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· Odour:	Characteristic
· Odour threshold:	Not determined
· pH-value (10 g/l) at 20 °C:	10.8 +/- 0.5 (DIN 19268)
· Change in condition	
Melting point/freezing point:	- 17 °C
Initial boiling point and boiling range:	100 - 212 °C
· Flash point:	None
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	None
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	None
Upper:	None
· Vapour pressure at 20 °C:	11 hPa
· Density at 20 °C:	1.0 +/- 0.02 g/cm ³ (DIN 51757)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Fully miscible.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined
Kinematic:	Not determined
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Store away from oxidising agents.
- **Hazardous decomposition products:** No decomposition if used and stored according to specifications.

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11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

34590-94-8 Dipropylene glycol monomethyl ether

Oral	LD50	5,135 mg/kg (rat)
Dermal	LD50	13,000-14,000 mg/kg (rab)
Inhalative	LC50/7h	>500 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritating effect.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.

- **Additional toxicological information:**

Repeated exposure may cause skin dryness or cracking.

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

34590-94-8 Dipropylene glycol monomethyl ether

LC50/96h (static)	>10,000 mg/l (Pimephales promelas)
EC50/48h	1,919 mg/l (daphnia magna)
EC50/96h	969 mg/l (Scenedesmus capricornutum)

- **Persistence and degradability** No further relevant information available.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation** Disposal must be made according to official regulations.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

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· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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14 Transport information

· UN-Number · ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· Packing group · ADR, IMDG, IATA	Void
· Environmental hazards: · Marine pollutant:	None No
· Special precautions for user	None
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Abbreviations and acronyms:**
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
- *** Data compared to the previous version altered.**