

**SAFETY DATA SHEET****PALEVO R2U Multi Clean 750ml****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

PALEVO R2U Multi Clean 750ml

**Product no.**

23150

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

Cleaning product

For private use

**Uses advised against**

None known.

**1.3. Details of the supplier of the safety data sheet****Company and address****Nowas A/S**

Falstervej 1

DK-9670 Løgstør

Denmark

Tel: +45 98677878

**Contact person**

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**Revision**

08/01/2026

**SDS Version**

2.0

**Date of previous version**

08/01/2026 (2.0)

**1.4. Emergency telephone number**

Contact the poison hotline: +45 82 12 12 12 (24 hour 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).

**2.2. Label elements****Hazard pictogram(s)**

Not applicable.

**Signal word**

Not applicable.

**Hazard statement(s)**

Not applicable.

**Precautionary statement(s)**

**General**

Not applicable.

**Prevention**

Not applicable.

**Response**

Not applicable.

**Storage**

Not applicable.

**Disposal**

Not applicable.

**Hazardous substances**

Does not contain any substances required to report

**Additional labelling**

Labelling of contents according to Detergents Regulation (EC) No 648/2004 (applicable to packaging of detergents sold to the general public)

< 5%

- Anionic surfactants
- Non-ionic surfactants
- Preservation agent (Phenoxyethanol)

**2.3. Other hazards****Additional warnings**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

**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
ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: Index No.: 603-002-00-5	1-3%	Flam. Liq. 2, H225	
dipropylenglycol dimethylether	CAS No.: 111109-77-4 EC No.: REACH: 02-2119666104-43-0000 Index No.:	1-3%		
Parfume	CAS No.: EC No.: REACH: Index No.:	<0.05%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 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**

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**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**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact**

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

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

**5.3. Advice for firefighters**

No specific requirements.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.

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

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.

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

#### Recommended storage material

Keep only in original packaging.

#### Storage conditions

Room temperature 18 to 23°C (Storage on stock, 3 to 8°C)

#### Incompatible materials

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

### 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

#### ethanol

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1900

Long term exposure limit (8 hours) (ppm): 1000

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 3800

Short term exposure limit (15 minutes) (ppm): 2000

#### propan-2-ol

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 490

Long term exposure limit (8 hours) (ppm): 200

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 980

Short term exposure limit (15 minutes) (ppm): 400

Statutory order 1356 on exposure limits for substances and mixtures (19/11/2025)

#### DNEL

##### ethanol

###### Duration:

Long term - Systemic effects - Workers

###### Route of exposure:

Dermal

###### DNEL:

343 mg/kg kropsvægt/dag

Long term - Systemic effects - Workers

Inhalation

950 mg/m<sup>3</sup>

##### propan-2-ol

###### Duration:

Long term - Systemic effects - General population

###### Route of exposure:

Dermal

###### DNEL:

319 mg/kg bw/day

Long term - Systemic effects - Workers

Dermal

888 mg/kg bw/day

Long term - Systemic effects - General population

Inhalation

89 mg/m<sup>3</sup>

Long term - Systemic effects - Workers

Inhalation

500 mg/m<sup>3</sup>

Long term - Systemic effects - General population

Oral

26 mg/kg bw/day

#### PNEC

ethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		2,75 mg/l
Soil		0,63 mg/kg dwt

propan-2-ol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		140.9 mg/L
Freshwater sediment		552 mg/kg
Marine water		140.9 mg/L
Marine water sediment		552 mg/kg
Sewage treatment plant		2251 mg/L
Soil		28 mg/kg
Water		140.9 mg/L

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### 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

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

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. Pay special attention to hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

## Individual protection measures, such as personal protective equipment

### Generally

Use only CE marked protective equipment.

### Respiratory Equipment

No specific requirements.

### Skin protection

No specific requirements.

### Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 240	EN374-2, EN16523-1, 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****Physical state**

Liquid

**Colour**

Clear

**Odour / Odour threshold**

Pleasant

**pH**

7,0-7,5

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

1.01

**Kinematic viscosity**

No data available.

**Particle characteristics**

Does not apply to liquids.

**Phase changes****Melting point/Freezing point (°C)**

No data available.

**Softening point/range (°C)**

Does not apply to liquids.

**Boiling point (°C)**

No data available.

**Vapour pressure**

No data available.

**Relative vapour density**

No data available.

**Decomposition temperature (°C)**

No data available.

**Data on fire and explosion hazards****Flash point (°C)**

No data available.

**Flammability (°C)**

No data available.

**Auto-ignition temperature (°C)**

No data available.

**Lower and upper explosion limit (% v/v)**

No data available.

**Solubility****Solubility in water**

No data available.

**n-octanol/water coefficient (LogK<sub>ow</sub>)**

No data available.

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

No data available.

**9.2. Other information****Other physical and chemical parameters**

No data available.

**Oxidizing properties**

No data available.

**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**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Product/substance	ethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	7060 mg/kg bdw ·

Product/substance	ethanol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD lo
Result:	20 gm/kg bdw ·

Product/substance	ethanol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	20000 ppm/10 H ·

Product/substance	propan-2-ol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	4570 mg/kg ·

Product/substance	propan-2-ol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	13400 mg/kg ·

Product/substance	propan-2-ol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	30 mg/l ·

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

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

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

**Respiratory sensitisation**

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

**Skin sensitisation**

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

**Germ cell mutagenicity**

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

**Carcinogenicity**

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

**Reproductive toxicity**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**Symptoms related to the physical, chemical and toxicological characteristics**

None known.

**11.2. Information on other hazards****Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

**Other information**

propan-2-ol has been classified by IARC as a group 3 carcinogen.

**SECTION 12: Ecological information****12.1. Toxicity**

Product/substance	ethanol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	12,0 - 16,0 ml/l ·

Product/substance	ethanol
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	9268 - 14221 mg/l ·

Product/substance	propan-2-ol
Species:	Fish
Duration:	48 hours
Test:	LC50
Result:	8970-9280 mg/L ·

Product/substance	propan-2-ol
Species:	Daphnia
Duration:	24 hours
Test:	EC50
Result:	9714 mg/L ·

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

**12.2. Persistence and degradability**

Product/substance	ethanol
Conclusion:	Readily biodegradable

**12.3. Bioaccumulative potential**

Product/substance      ethanol  
 Conclusion:              No potential for bioaccumulation

Product/substance      propan-2-ol  
 LogKow:                   0,0500  
 Conclusion:              No potential for bioaccumulation

**12.4. Mobility in soil**

propan-2-ol  
 LogKoc = 0.117995, High mobility potential.

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

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

**12.6. Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

**12.7. Other adverse effects**

None known.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product is not covered by regulations on dangerous waste.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

**EWC code**

20 01 29\*      Detergents containing dangerous substances

**Specific labelling**

Not applicable.

**Contaminated packing**

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

**SECTION 14: Transport information**

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

\* Packing group

\*\* Environmental hazards

**Additional information**

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

**14.6. Special precautions for user**

Not applicable.

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Restrictions for application**

People under the age of 18 shall not be exposed to this product.

**Demands for specific education**

No specific requirements.

**SEVESO - Categories / dangerous substances**

Not applicable.

**REACH, Annex XVII**

ethanol is subject to REACH restrictions (entry 40).

propan-2-ol is subject to REACH restrictions (entry 40).

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

< 5%

· Anionic surfactants

· Non-ionic surfactants

· Preservation agent (Phenoxyethanol)

**Additional information**

Not applicable.

**Sources**

The Danish Working Environment Authority's executive order no. 1713 of 18. Dec 2025 on young people's work.

Based on Council Directive 94/33 / EC of 22 June 1994 on the protection of young people at work.

Pregnant workers and workers who are breastfeeding (AT Guide A.1.8-6, amended 2024).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information****Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

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

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

GWP = Global warming potential

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**

mbh

#### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a 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: DK-en