

SAFETY DATA SHEET

DYNOclean presatWipe 9x11

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

1.1. Product identifier

Product designation: DYNOclean presatWipe 9x9
Product code: 2054451
UFI: 2000-SOR7-X00P-VSJ8

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

Use of the product: PC35: Washing and cleaning products (including solvent-based products)

1.3. Details of the supplier of the safety data sheet

Company name: DYNOVO AG
Segelhofstrasse 1u
5405 Baden
Switzerland
Tel.: +41 62 552 19 40
Email: info@dynovo.ch

1.4. Emergency telephone number

Tox Info Suisse (the Swiss poisons information centre), quick-dial number: 145

Section 2: Potential hazards

2.1. Classification of the substance or mixture

Classification (CLP): Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; STOT SE 3: H335
Most important adverse effects: Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness. May cause respiratory irritation.

2.2. Identification label elements

Hazard warnings: H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.

Signal word: Hazard

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark



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Safety precautions:

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources – No smoking.

P243 – Take action to prevent static discharges.

P261 – Avoid inhaling vapours.

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

P303-361-353 – IN CASE OF CONTACT WITH SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin with water/shower.

P304-340 – IF INHALED: Remove anyone affected to fresh air and rest in a position comfortable for breathing.

P305-351-338 – IN CASE OF EYE CONTACT: Rinse carefully with water for several minutes. Wherever possible remove contact lenses if present – continue rinsing.

P312 – Call a POISON CENTRE or doctor if you feel unwell.

P337-313 – If eye irritation persists: Seek medical advice/attention.

P370-378 – In case of fire: Use fire extinguishing powder or carbon dioxide to extinguish small fires. Use water to extinguish large fires.

P403-233 – Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

Other hazards: Highly flammable. Irritating to eyes. Irritating to respiratory system. May cause sensitisation by skin contact. May cause sensitisation by inhalation.

PBT: This substance is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

NAME	EINECS	CAS	Classification (DSD/DPD)	Classification (CLP)	Percentage
ISOPROPANOL	200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	70%
Deionised water	211-791-2	7732-18-5	-	-	30%

Section 4: First aid measures

4.1. Description of first aid measures

After skin contact: Immediately remove all contaminated clothing and footwear, provided they are not stuck to the skin. Rinse affected skin area with plenty of running water for 10 minutes or even longer if the material is still on the skin. Seek medical attention if irritation occurs or persists.

After eye contact: Rinse eye for 15 minutes under running water. Remove contact lenses if possible. If eye irritation persists, seek medical advice/attention.

After swallowing: Do NOT induce vomiting. Call Tox Info Suisse (the Swiss poisons information centre, quick dial number: 145), the relevant poison emergency response centre in your country or a doctor. Never give anything orally to an unconscious person.

After inhalation: Remove person to fresh air and keep comfortable for breathing. Call Tox Info Suisse (the Swiss poisons information centre, quick dial number: 145), the relevant poison emergency response centre in your country or a doctor if you feel unwell.

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4.2 Most important symptoms and effects, both acute and delayed

After skin contact:	Based on the available data, the classification criteria are not met.
After eye contact:	Causes serious eye irritation.
After swallowing:	Based on the available data, the classification criteria are not met.
After inhalation:	May cause drowsiness or dizziness.
Delayed effects:	Immediate effects are to be expected after brief exposure.

4.3. Indications for immediate medical assistance or special treatments

No data available

Section 5: Firefighting measures

5.1. Extinguishing agents Alcohol-resistant foam, carbon dioxide, fire extinguishing powder, water mist, water spray. Do not use water jets, as these can spread and propagate the fire.

5.2. Special hazards arising from the substance or mixture

Exposure risk: Releases toxic gases/fumes during combustion.

5.3. Advice for firefighters

Special protective equipment: Vapours are heavier than air and can travel at floor level or be moved to other places as a result of ventilation, where they may materialise some time after the material was originally handled or released. The material burns with an invisible flame. Use self-contained breathing apparatus. Wear protective clothing to prevent contact with the eyes or skin.

Section 6: Accidental release measures

6.1. Personal safety precautions, protective equipment and emergency procedures

Personal protective measures: Evacuate the area and keep non-essential and unprotected personnel away from the spill area. Do not inhale any vapours, aerosols or mist. Avoid contact with skin, eyes and clothing. Cordon off contaminated area with signs. Remove all sources of ignition.

6.2. Environmental precautions

Do not allow to drain into storm sewers, ditches and waterways. Follow all legal regulations for reporting releases.

6.3. Methods and material for containment and cleaning up

Clean-up methods: Remove all sources of ignition. Collect up the wipes with a non-sparking tool, dry soil or sand; mop up all remaining liquids or wipe them away. Place in a suitable container for proper disposal. Transfer to a properly labelled, sealable salvage container to enable professional disposal.

6.4. Reference to other sections

If necessary, refer to section 8 and 13

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Section 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Prevent vapours from forming and spreading in the air. All appliances used must be earthed.

7.2. Conditions for safe storage, including any incompatibilities

Storage: Store in a cool and well ventilated location. Keep away from sources of ignition. Keep containers tightly sealed. Store out of direct sunlight. Prevent static charges from accumulating in the immediate vicinity. Avoid incompatible materials and conditions – see Section 10 of the safety data sheet. Do not store at temperatures above 40°C. Do not freeze.

Suitable packaging: Store only in original packaging.

7.3. Specific end use

No special regulations

Section 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits: 400 ppm (PEL-TWA, OSHA Directive)

DENL/PNEC: No data available

8.2. Exposure controls

Technical measures: Use suitable technical controls such as process enclosures, a local extraction system or other technical control measures to keep the air quality below the recommended exposure limits.

Respiratory protection: Use a respiratory protective device that has been approved in accordance with European standard EN 149 if the exposure limits are exceeded or if irritation or other symptoms occur. Use a respiratory protective device with a pressurised air supply if there is a risk of uncontrolled release, if the exposure values are unknown or in the event of any other circumstances that render air-purifying respirators incapable of providing adequate protection.

Hand protection: Wear suitable protective gloves. For details of the permeation data, consult the information provided by the glove manufacturer. The following glove materials are preferable: polyethylene, neoprene, chlorinated polyethylene, natural rubber (latex), polyvinyl chloride (PVC or vinyl), nitrile-butadiene rubber (nitrile or NBR), ethylene vinyl alcohol laminate (EVAL). Avoid gloves made from polyvinyl alcohol (PVA).

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	Pre-impregnated wipes		
Odour:	Alcoholic		
Boiling point/range °C:	82-89	Melting point/range °C:	Not available
Explosive limits %: lower:	2	Explosive limits %: upper:	12
Flash point °C:	20.5	n-octanol-water partition coefficient:	Not available
Ignition temperature °C:	399	Steam pressure:	43.0 hPa bei 20°
Relative density:	0.872 bei 20°	pH:	Not available
VOC g/l:	591.1		

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9.2. Other information

No data available

Section 10: Stability and reactivity

10.1. Reactivity	Stable under the recommended transport and storage conditions.
10.2. Chemical stability	Stable at normal temperatures and pressure.
10.3. Possibility of hazardous reactions	No risk of hazardous reactions under normal transport and storage conditions.
10.4. Conditions to avoid	Keep away from heat, sources of ignition and incompatible materials.
10.5. Incompatible materials	Aldehydes, halogenated organic substances, halogens, strong acids, strong oxidisers.
10.6. Hazardous decomposition products	Releases toxic gases/fumes during combustion.

Section 11: Toxicological information

11.1. Information on hazard classes according to Regulation (EC) No 1272/2008

Toxicity, values:

Route	Species	Test	Value	Unit of measurement
DERMAL	RBT	LD50	12800	mg/kg
ORAL	MUS	LD50	3600	mg/kg
ORAL	RAT	LD50	5000	mg/kg

Hazards relevant to substance:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: Calculated
Specific target organ toxicity – single exposure	INH	Hazardous: Calculated

11.2 Information about other hazards

No data available

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Section 12: Environmental information

12.1. Toxicity

Ecotoxicity, values:

Species	Test	Value	Unit of measurement
Daphnia magna	96H LC50	10000000	µg/l

12.2. Persistence and degradability Not available.

12.3. Bioaccumulative potential The bioconcentration in aquatic organisms is low.

12.4. Mobility in soil Easily absorbed by the soil.

12.5. Results of PBT and vPvB assessment This substance is not identified as a PBT/vPvB substance.

12.6. Endocrine disrupting properties No data available

12.7. Other adverse effects No data available

Section 13: Disposal information

13.1. Waste management procedures

Removal procedure: Consult EU Directive 2008/98/EC on waste for details of how to categorise hazardous waste prior to disposal. If applicable, also consult your national, local or municipal waste requirements or guidelines to ensure compliance.

How to dispose of packaging: WARNING! Used wipes can catch fire if they are disposed of incorrectly or stored in the vicinity of ignition sources. Do not reuse containers unless they have been properly cleaned or reconditioned.

Section 14: Transport information

14.1. UN number UN3175

14.2. UN proper shipping name Correct designation of goods: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL). (PROPAN-2-OL; WATER)

14.3. Transport hazard class 4.1 (limited quantity)

14.4. Packing group II

14.5. Environmental hazards Hazardous to the environment: No
Marine pollutant: No

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14.6. Special precautions for user	No special precautions. Tunnel code: E Transport category: 2
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14.7. Bulk transport by sea according to IMO instruments.	No data available
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Section 15: Regulatory information

15.1. Safety, health and environmental regulations/specific legislation

Water hazard class:	1 (self-assessment): Slightly hazardous to water.
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15.2. Chemical safety assessment

No data available

Section 16: Other information

Other information

Additional information:	This safety data sheet has been produced in accordance with the Swiss Chemicals Ordinance (ChemV) of 5 June 2015.
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Non-liability clause:	To the best of our knowledge, the contents of this safety data sheet were correct at the time of its production. However, we assume no liability for the correctness or completeness of the information it contains. The data contained herein relates to the specific material designated herein and not to its use in combination with other materials or as part of a process. The user bears sole responsibility for the final decision as to any material's suitability.
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