

DYNAMAX RAIN OFF**Safety data sheet**

(Regulation 1907/2006/EC, amended by 2015/830/EU)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING**1.1. Product identifier**

Material Name:	DYNAMAX RAIN OFF		
CAS:		EINECS:	
		ELINCS:	

1.2. Identified uses

Uses:	Liquid wiper
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1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier:	EURO-VAT spol. s r.o.
IČO:	18049397
Address:	Alekšince 231
	951 22
	Alekšince
	Slovakia
Phone/fax number:	+421 37 7822 326-7
E-mail:	eurovat@eurovat.sk www.eurovat.sk
Emergency phone number:	National Poisons Information Service: City Hospital, Birmingham B187QH, United Kingdom Phone: +44 121 507 4123 E-mai: allistervale(at)npis.org , sallybradberry(at)npis.org Website: www.npis.org





SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture	Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] Not classified as hazardous
2.2 Label elements	Hazard pictograms (CLP/GHS) : No Hazard Symbol required Signal word: - H-phrases: Not classified P-phrases: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Contains: - Precautionary statements Prevention : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Response : Get medical attention if you feel unwell. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Storage : Not applicable. Disposal : Not applicable. Supplemental label elements: Not applicable.

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2.3 Other hazards	<p>Special packaging requirements Containers to be fitted with child-resistant fastenings: Not applicable. Tactile warning of danger: Not applicable. Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII: Not available. Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII: Not available. Other hazards which do not result in classification: Not available.</p>
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SECTION 3: COMPOSITION/INFORMATION ON IGREDIENTS

Product /ingredient name	CAS	EC	Symbols	Conc.	Registr. no REACH	GHS classification	
Propan-2-ol	67-63-0	200-661-7	 	max. 10	01-2119457558-25-xxxx	Flam.Liq.2 Eye Irrit.2 STOT SE 3	H225 H319 H336
Ethan-1,2-diol	107-21-1	203-473-3	 	max. 5	01-2119456816-28-xxxx	Acute Tox.4 STOT RE 2	H302 H373

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures	<p>Eye contact: Rinse immediately with plenty of water. Seek medical attention if irritation develops. Inhalation: Assure fresh air breathing. If you feel unwell, seek medical advice. Skin contact: Wash the skin with water and soap and apply skin-protective cream. Ingestion: Do not induce vomiting. If the injured is conscious give 2 glasses of water. Ensure medical assistance immediately</p>
4.2 Most important symptoms and effects, both acute and delayed	<p>Potential acute health effects Eye contact: No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Skin contact : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards.</p> <p>Over-exposure signs/symptoms Eye contact : No specific data. Inhalation: No specific data. Skin contact: No specific data. Ingestion: No specific data.</p>
4.3 Indication of any immediate medical attention and special treatment needed	<p>Notes to physician: No specific notes. Specific treatments: No specific treatment.</p>

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media	Foam, powder, carbon dioxide, water spray.
5.2. Unsuitable extinguishing media	None known
5.3. Specific hazards	Formed during combustion gases containing oxides of carbon and nitrogen. Endangered containers and storage space cooling water screen and possibly removed from the danger zone.
5.4. Protective equipment for firefighters	Protective clothing against radiant heat and insulating breathing apparatus.

DYNAMAX RAIN OFF**Additional advice**

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions	Ensure adequate ventilation. Avoid contact with skin and eyes. No smoking.
6.2. Environmental precautions	Do not allow to surface and groundwater. With its breakthrough contact person.
6.3. Clean up methods	Spills drain device for I.degree fire hazard to vessels, remnants suck suitable absorbent agent. Material according to the degree of pollution in an appropriate incinerator to burn.

SECTION 7: HANDLING AND STORAGE

7.1. Handling	When using do not eat or drink or smoke. Observe safety and sanitary measures.
7.2 . Storage	Keep container tightly closed and in a cool, well-ventilated place. Use properly labelled and closeable containers. Storage temperature : 0 – 30°C.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters	Ventilation respectively. exhausting work areas. The work may not be readily combustible substances and other dangerous source of fire.
8.2 Exposure controls	<p>Observe the usual precautions for health at work and in good ventilation. When using do not eat, drink or smoke.</p> <p>a) Respiratory protection: it is necessary only in case of exceeding the TWA (mask with organic vapor filter type A)</p> <p>b) Eye protection: goggles</p> <p>c) Protection of hands: protective gloves (EN 374)</p> <p>d) protection: clothing</p> <p>To prevent leakage of concentrated mixture into surface water drains or soil. Mixture stored in tightly sealed and labeled containers.</p>
8.3. TWA	ethanol (CAS 64-17-5) average: 960 mg/m ³ short: 1920 mg/m ³

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Fysical state	liquid
Colour	colourless
Odour	characteristic
pH	not available
Flash point (ASTM-D92) [°C]	not available
Boiling point (ASTM D1120) [°C]	82
Melting point [°C]	not available
Flammability	not available
Temperature of spontaneous combustion [°C]	not available
Lower limit of explosion	not available
Superior limit of explosion	not available
Oxidising properties	not available
Vapour pressure [hPa]	not available
Relative density [g.cm⁻³]	0,834 +/- 0,010
Water solubility [g.l⁻¹]	very good mixable
Solubility in solvents [g.l⁻¹]	soluble in alcohols, acetone
9.2 Other information	No additional information.

DYNAMAX RAIN OFF**SECTION 10: STABILITY AND REACTIVITY**

10.1 Reactivity	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	Stabile under recommended conditions of use and storage.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	-
10.5 Incompatible materials	-
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 toxicological effects	<p><u>Acute toxicity</u> Conclusion/Summary : Not available.</p> <p><u>Irritation/Corrosion</u> Conclusion/Summary : Not available.</p> <p><u>Sensitisation</u> Conclusion/Summary : Not available.</p> <p><u>Mutagenicity</u> Conclusion/Summary : Not available.</p> <p><u>Carcinogenicity</u> Conclusion/Summary : Not available.</p> <p><u>Reproductive toxicity</u> Conclusion/Summary : Not available.</p> <p><u>Teratogenicity</u> Conclusion/Summary : Not available.</p> <p><u>Aspiration hazard</u> Not available.</p> <p>Information on the likely routes of exposure: Not available.</p> <p><u>Potential acute health effects</u> Inhalation : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards Skin contact : No known significant effects or critical hazards. Eye contact : No known significant effects or critical hazards.</p> <p><u>Symptoms related to the physical, chemical and toxicological characteristics</u> Eye contact : No specific data. Inhalation : No specific data. Skin contact: No specific data Ingestion: No specific data.</p> <p><u>Delayed and immediate effects and also chronic effects from short and long term exposure</u></p> <p><u>Short term exposure</u></p>
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	<p>Potential immediate effects: Not available. Potential delayed effects : Not available.</p> <p><u>Long term exposure</u> Potential immediate effects: Not available. Potential delayed effects: Not available.</p> <p><u>Potential chronic health effects</u> Conclusion/Summary : Not available. General : No known significant effects or critical hazards. Carcinogenicity : No known significant effects or critical hazards. Mutagenicity : No known significant effects or critical hazards. Teratogenicity : No known significant effects or critical hazards. Developmental effects : No known significant effects or critical hazards. Fertility effects : No known significant effects or critical hazards.</p> <p>Other information : Not available.</p>
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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Conclusion/Summary : Not available.
12.2 Persistence and degradability	Degradability of tenzides: > 90 % (producer declare performance of requirements of Regulation No. 648/2004)
12.3 Bioaccumulative potential	Not available.
12.4 Mobility	Not available.
12.5 Results of PBT and vPvB assessment	PBT : Not available. vPvB : Not available.
12. 6 Other adverse effects	No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods <u>Product</u> The product is not classified as hazardous <u>Packaging</u> The container is not classified as hazardous

SECTION 14: TRANSPORT INFORMATION

Transport by land RID/ADR	Not regulated
Transport by sea IMDG	Nor regulated
Transport by air	Not regulated
Additional information	Does not pose a hazard during transport and does not require special treatment (handling) procedure.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU</u>
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DYNAMAX RAIN OFF**Annex XIV - List of substances subject to authorisation****Substances of very high concern**

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

EU Regulation (EC) No 1272/2008 of the European Parliament and of the Council**Other EU regulations**

Europe inventory : All components are listed or exempted.

Black List Chemicals : Not listed

Priority List Chemicals : Not listed

Integrated pollution prevention and control list (IPPC) - Air: Not listed

Integrated pollution prevention and control list (IPPC) - Water: Not listed

International regulations

Chemical Weapons Convention List Schedule I Chemicals: Not listed

Chemical Weapons Convention List Schedule II Chemicals: Not listed

Chemical Weapons Convention List Schedule III Chemicals: Not listed

15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: OTHER INFORMATION**Reason for Revision:**

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16.1 Text of H-phrases (point 3):

H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure

16.3 Other information:

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. This does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.