

DYNAMAX INSECT REMOVER**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 INSECT REMOVER		
CAS:		EINECS:	
		ELINCS:	

1.2. Identified uses

Uses:	Cleaning detergent for removing insect fragments from glass and bodywork
--------------	--

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier:	EURO-VAT spol. s r.o.		
IČO:	18049397		
Address:	Aleššince 231		
	951 22		
	Aleššince		
	Slovakia		
Phone/fax number:	+421 37 7822 326-7		
E-mail:	eurovat@eurovat.sk www.eurovat.sk		
Emergency phone number:	Národné toxikologické informačné centrum (NTIC) Klinika pracovného lekárstva a toxikológie, FNŠP akad. L.Dérera Limbova 5 833 05 Bratislava Tel. +421 2 5477 4166 ntic@ntic.sk www.ntic.sk		

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: Not classified Contains: non-ionic surfactant less than 5%, fragrance, preservatives (methylisothiazolinone, methylchloroisothiazolinone) Precautionary statements Prevention : Do not breathe vapour. 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.

DYNAMAX INSECT REMOVER

2.3 Other hazards	<p>Disposal : Not applicable. Supplemental label elements: Not applicable.</p> <p>Special packaging requirements Containers to be fitted with child-resistant fastenings: Not applicable. Tactile warning of danger: Not applicable.</p> <p>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>
-------------------	--

SECTION 3. COMPOSITION/INFORMATION ON IGREDIENTS

Product /ingredient name	CAS	EC	Symbols	Conc.	Registr. no REACH	GHS classification	
ethanol	64-17-5	200-578-6	GHS02	3 - 5	01-2119457610-43-0019	Flam. Liq. 2	H225

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	Suitable	Not specified - all extinguishing media (water fog, foam, carbon dioxide, powder)
	Unsuitable	not applicable
5.2. Special hazards arising from the substance or mixture	Gases produced during combustion gases containing oxides of carbon and nitrogen. Keep containers and storage space cooling water curtain and possibly remove from the danger zone.	
5.3. Advice for firefighters	Protective clothing, goggles and self-contained breathing apparatus.	

DYNAMAX INSECT REMOVER**SECTION 6. ACCIDENTAL RELEASE MEASURES**

6.1. Personal precautions	For non-emergency personnel	Wear gloves made of the following material butyl rubber. Additional personal protective equipment should include the following safety glasses
	For emergency responders	Not applicable
6.2. Environmental precautions	Do not allow to surface and groundwater. With its breakthrough contact person.	
6.3. Methods and material for containment and cleaning up	Collect product mechanically. Dirty floors can be after the precise collection washed with water to canalization.	
6.4. Reference to other sections	Disposal of waste according to section 13	

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling	Avoid eye contact and skin contact. Use personal protective equipment recommended in section 8. Follow the basic rules of working with chemicals. During using do not eat, drink or smoke.
7.2. Conditions for safe storage, including any incompatibilities	Store in well closed containers in a ventilated place. The minimum recommended storage temperature for this material is -8°C. The maximum recommended storage temperature for this material is 40°C.
7.3. Specific end use(s)	not applicable

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters	TWA Ethanol: average: 960 mg/m ³ short-term: 1820 mg/m ³
8.2 Exposure controls	Observe the usual precautions for health at work and in good ventilation. When using do not eat, drink or smoke. a) Respiratory protection: it is necessary only in case of exceeding the TWA (mask with organic vapor filter type A) b) Eye protection: goggles c) Protection of hands: protective gloves (EN 374) d) protection: clothing Engineering controls: none required under normal operating conditions.

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

Physical state	liquid
Colour	green
Odour	characteristic
pH	11,0
Boiling point [°C]	> 100
Flash point (ASTM-D92) [°C]	> 100
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

DYNAMAX INSECT REMOVER

Relative density [g.cm ⁻³] max.	0,990
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.

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></p> <p>Acute oral toxicity: <u>Ethanol:</u> LD50 (rat) > 1 501 mg/kg</p> <p>Acute inhalation toxicity: <u>Ethanol:</u> LC50 (rat) = 5,9 mg/l (6 hours)</p> <p><u>Irritation/Corrosion</u> Conclusion/Summary : Not available.</p> <p><u>Sensitisation</u> Conclusion/Summary : in contact with skin</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></p> <p>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>
---	--

DYNAMAX INSECT REMOVER

	<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> 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.</p> <p>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>
--	--

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity	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

13.1 Product

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal

DYNAMAX INSECT REMOVER

Hazardous waste : legislation and any regional local authority requirements.
The classification of the product meets the criteria for a hazardous waste.

Type of waste	Name of waste	Category of waste
20 01 29	detergents containing dangerous substances	N

13.2 Packaging

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Type of waste	Name of waste	Category of waste
15 01 10	Packaging containing residues of hazardous substances or contaminated by dangerous substances	N

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
EU Regulation (EC) No. 1907/2006 (REACH) + EU Regulation No. 453/2010, which he amended

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

DYNAMAX INSECT REMOVER

15.2 Chemical Safety Assessment

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

SECTION 16. OTHER INFORMATION

Reason for Revision:

10.11.2017 - Classification of the mixture of the European Parliament and Council Regulation (EC) No. 1272/2008

16.1 Text of H-phrases (point 3):

H225 Highly flammable liquid and vapour

16.2 Abbreviations:

Flam. Liq. 2 – flammable liquid 2. category

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.