

DYNAMAX DIESEL WINTER CARE SHOT**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 DIESEL WINTER CARE SHOT		
CAS:		EINECS:	
		ELINCS:	


1.2. Identified uses

Uses:	Additiv liquid
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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] Hazard categories: Aspiration hazard: Asp. Tox. 1 Carcinogenicity: Carc. 2 Hazardous to the aquatic environment: Aquatic Chronic 3
2.2 Label elements	Hazard pictograms (CLP/GHS) :  Signal word: danger H-phrases: H304 May be fatal if swallowed and enters airways. H351 Suspected of causing cancer. H412 Harmful to aquatic life with long lasting effects. EUH066 Repeated exposure may cause skin dryness or cracking. P-phrases: P202 Do not handle until all safety precautions have been read and understood.

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2.3 Other hazards	<p>P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/. P308+P313 IF exposed or concerned: Get medical advice/attention. P331 Do NOT induce vomiting.</p> <p>Contains: hydrocarbons, C11-C14, n-alkanes, iso-alkanes, aromatics (2-25%) hydrocarbons, C14-C18, n-alkanes, iso-alkanes, aromatics (2-30%) naphthalene</p> <p>Precautionary statements</p> <p>Prevention : Do not breathe vapour. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.</p> <p>Response : Get medical attention if you feel unwell. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell.</p> <p>Storage : Store in original container in a well ventilated area at temperatures up to 40 °C.</p> <p>Disposal : Not applicable.</p> <p>Supplemental label elements: Not applicable.</p> <p>Special packaging requirements</p> <p>Containers to be fitted with child-resistant fastenings: Applicable. Tactile warning of danger: Applicable.</p> <p>Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII: Not available.</p> <p>Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII: Not available.</p> <p>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	
hydrocarbons, C11-C14, n-alkanes, iso-alkanes, aromatics (2-25%)	-	925-635-7	-	50 – 70	01-2119458869-15-xxxx	-	-
hydrocarbons, C14-C18, n-alkanes, iso-alkanes, aromatics (2-30%)	-	920-360-0	-	30 - 50	05-2114132820-60-xxxx	-	-
1,2,4-trimethylbenzene	95-63-6	202-436-9	GHS02,05 07,09	1 - 10	01-2119472135-42-xxxx	Flam. Liq. 3 Acute Tox. 4 Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Chronic 2	H226 H332 H319 H335 H315 H411
naphthalene	91-20-3	202-049-5	GHS05,07 09	1 – 10	01-2119513401-57-xxxx	Carc. 2 Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1	H351 H302 H400 H410
1,3,5-trimethylbenzene, mesitylene	108-67-8	203-604-4	GHS02,07 09	max. 1	01-2119463878-19-xxxx	Flam. Liq. 3 STOT SE 3 Aquatic Chronic 2	H226 H335 H411

Full text of H and EUH phrases: see section 16.

DYNAMAX DIESEL WINTER CARE SHOT**SECTION 4. FIRST AID MEASURES**

4.1 Description of first aid measures	Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor. Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor. Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor. Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
4.2 Most important symptoms and effects, both acute and delayed	Potential acute health effects Eye contact: There may be irritation and redness. The eyes may water profusely. Inhalation : There may be irritation of the throat with a feeling of tightness in the chest. Skin contact : There may be irritation and redness at the site of contact. Ingestion : There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
4.3 Indication of any immediate medical attention and special treatment needed	Notes to physician: No specific notes. Specific treatments: No specific treatment.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media	Carbon dioxide (CO ₂), Foam, Extinguishing powder. In case of fire, use sand, extinguishing powder or alcohol resistant foam.
5.2. Unsuitable extinguishing media	Water. Full water jet.
5.3. Specific hazards	Flammable. Vapours can form explosive mixtures with air. Vapours are heavier than air, spread along floors and form explosive mixtures with air.
5.4. Protective equipment for firefighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
Additional advice	Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions	Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
6.2. Environmental precautions	Do not allow uncontrolled discharge of product into the environment. Danger of explosion In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
6.3. Clean up methods	Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7. HANDLING AND STORAGE

7.1. Handling	If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. The substance should only be handled in closed apparatus or systems. Vapours/aerosols must be exhausted directly at the point of origin. Avoid contact with skin and eyes.
7.2 . Storage	Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharge. Vapours can form explosive mixtures with air. Take

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precautionary measures against static discharge. Keep away from sources of ignition. - No smoking.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters	No data available.
8.2 Exposure controls	Observe the usual precautions for health at work and in good ventilation. When using do not eat, drink or smoke.
8.2.1 Occupational exposure controls	a) Respiratory protection: it is necessary only in case of exceeding the TWA (mask with organic vapor filter type A) b) Eye protection: safety glasses c) Protection of hands: protective gloves (EN 374) d) protection: clothing (impermeable overalls and closed safety boots)
8.2.2. Environmental exposure controls	To prevent leakage of concentrated mixture into surface water drains or soil. Mixture stored in tightly sealed and labeled containers.
8.3. TWA	<u>naphthalene</u> : average: 50 mg/m ³ short: 80 mg/m ³ <u>1,2,4-trimethylbenzene</u> : average: 125 mg/m ³ <u>1,3,5-trimethylbenzene, mesitylene</u> : average: 125 mg/m ³

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

Physical state	liquid
Colour	off-white
Odour	characteristic
pH	not available
Flash point (ASTM-D92) [°C]	>65
Boiling point [°C]	156 - 280
Freezing point [°C]	-19
Flammability	not available
Temperature of spontaneous combustion [°C]	240
Lower limit of explosion	0,6
Superior limit of explosion	7
Oxidising properties	not available
Vapour pressure [hPa]	not available
Relative density [g.cm⁻³] typ.	0,830
Water solubility [g.l⁻¹]	not miscible
Solubility in solvents [g.l⁻¹]	most organic solvents
9.2 Other information	-
VOC [g.l⁻¹]	783,8

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity	Flammable, Ignition hazard.
10.2 Chemical stability	The product is stable under storage at normal ambient temperatures.
10.3 Possibility of	No known hazardous reactions.

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hazardous reactions	
10.4 Conditions to avoid	Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.
10.5 Incompatible materials	Strong oxidising agents. Strong reducing agents.
10.6 Hazardous decomposition products	Gases/vapours, toxic. No known hazardous decomposition products.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	<p><u>Acute toxicity</u></p> <p><u>Acute oral toxicity:</u> <u>hydrocarbons, C11-C14, n-alkanes, iso-alkanes, aromatics (2-25%):</u> LD50 (rat) > 5050 mg/kg <u>hydrocarbons, C14-C18, n-alkanes, iso-alkanes, aromatics (2-30%):</u> LD50 (rat) > 4150 mg/kg <u>naphthalene:</u> LD50 (rat) = 490 mg/kg <u>1,2,4-trimethylbenzene:</u> LD50 (rat) = 5000 mg/kg</p> <p><u>Acute dermal toxicity:</u> <u>hydrocarbons, C11-C14, n-alkanes, iso-alkanes, aromatics (2-25%):</u> LD50 (rabbit) = 3400 mg/kg <u>hydrocarbons, C14-C18, n-alkanes, iso-alkanes, aromatics (2-30%):</u> LD50 (rabbit) = 1700 mg/kg</p> <p><u>Acute inhalation toxicity:</u> <u>hydrocarbons, C11-C14, n-alkanes, iso-alkanes, aromatics (2-25%):</u> LC50 (rat) > 13,1 mg/l 4 h <u>hydrocarbons, C14-C18, n-alkanes, iso-alkanes, aromatics (2-30%):</u> LC50 (rat) > 5,28 mg/l 4 h <u>1,2,4-trimethylbenzene:</u> LC50 (rat) = 18 mg/l 4 h <u>1,3,5-trimethylbenzene, mesitylene:</u> LC50 (rat) = 24 mg/l 4 h</p> <p><u>Irritation/Corrosion</u> Conclusion/Summary : Based on available data, the classification criteria are not met.</p> <p><u>Sensitisation</u> Conclusion/Summary : Based on available data, the classification criteria are not met.</p> <p><u>Mutagenicity</u> Conclusion/Summary : Not available.</p> <p><u>Carcinogenicity</u> Conclusion/Summary : Not available.</p> <p><u>Reproductive toxicity:</u> Not available.</p> <p><u>Teratogenicity</u> Conclusion/Summary : Not available.</p> <p><u>Aspiration hazard:</u> Not available.</p>
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	<p>Information on the likely routes of exposure: Not available.</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> 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. <u>Potential chronic health effects</u> Conclusion/Summary : Not available.</p> <p>Other information : Not available.</p>
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SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity	<p><u>1,2,4-trimethylbenzene:</u> LC50 (fish) 96 h = 7,72 mg/l EC50 (Daphnia) 48 h = 3,6 mg/l <u>1,3,5-trimethylbenzene, mesitylene:</u> LC50 (fish) 96 h = 12,5 mg/l EC50 (Daphnia) 48 h = 13,0 mg/l</p>
12.2 Persistence and degradability	Biodegradable in part only.
12.3 Bioaccumulative potential	No bioaccumulation potential.
12.4 Mobility	Non-volatile. Insoluble in water. Floats on water.
12.5 Results of PBT and vPvB assessment	<p>PBT : Not available. vPvB : Not available.</p>
12. 6 Other adverse effects	No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Product	<p>Methods of disposal: Transfer to a suitable container and arrange for collection by specialised disposal company. Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the other possible disposal operations (e.g. evaporation, drying, calcination, etc.).</p> <p>Recovery operations: Use principally as a fuel or other means to generate energy. Solvent reclamation/regeneration.</p> <p>Waste code number: 13 07 03</p>
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DYNAMAX DIESEL WINTER CARE SHOT**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

ADR	This product does not require a classification for transport.
UN proper shipping name	-
Transport hazard class	-
Packing group	-
Hazard No.	-

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), amended by 2015/830/EU**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

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Reason for Revision:

11.10.2018 - Classification of the mixture of the European Parliament and Council Regulation (EC) No. 2015/830

16.1 Text of H-phrases (point 3):

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

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.