



## Safety Data Sheet

## ADDINOL Professional 0530 E8/E11

Revision date: 07.08.2023

Product code: 722196

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## Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified			80 - < 100 %
	265-157-1		01-2119484627-25	
	Asp. Tox. 1; H304			
125643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate			2.5 - < 5 %
	406-040-9	607-530-00-7		
	Aquatic Chronic 4; H413			
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts			0.1 - < 0.3 %
	274-263-7		01-2119492616-28	
	Skin Sens. 1B; H317			

Full text of H statements: see section 16.

## Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
64742-54-7	265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	80 - < 100 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
125643-61-0	406-040-9	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	2.5 - < 5 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	
70024-69-0	274-263-7	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	0.1 - < 0.3 %
		dermal: LD50 = > 4000 mg/kg; oral: LD50 = > 16000 mg/kg	

## Further Information

DMSO-Extrakt &lt; 3 %, IP 346.

Classification system: The classification corresponds to the current CDN lists and is completed by information from specialist literature and company information.

## 4. First-aid measures

## Description of first aid measures

## General information

Self-protection of the first aider. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

## After inhalation

Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.

## After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, consult a physician.

## After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

## After ingestion

Do NOT induce vomiting.

Rinse mouth thoroughly with water. Call a physician immediately.

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### Most important symptoms and effects, whether acute or delayed

No information available.

### Indication of immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

## 5. Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media

Foam. Extinguishing powder Carbon dioxide (CO<sub>2</sub>) Water spray

#### Unsuitable extinguishing media

Full water jet

### Specific hazards arising from the hazardous product

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO<sub>2</sub>) Sulphur oxides Phosphorus oxides Hydrogen sulphide (H<sub>2</sub>S) Nitrogen oxides (NO<sub>x</sub>). carbon black

### Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

### Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers. In case of fire and/or explosion do not breathe fumes. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### General advice

High slip hazard because of leaking or spilled product. Remove all sources of ignition. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

### Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Prevent spread over a wide area (e.g. by containment or oil barriers).

### Methods and material for containment and cleaning up

#### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

### Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Section 12: Ecological Information (non-mandatory)

Disposal: see section 13

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Work in well-ventilated zones or use proper respiratory protection. Avoid oil mist. If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid contact with skin, eyes and clothes.

#### Advice on protection against fire and explosion

Remove all sources of ignition.

#### Advice on general occupational hygiene

Wash hands before breaks and after work. Take off immediately all contaminated clothing. Wash

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contaminated clothing prior to re-use. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Keep container tightly closed in a cool place.

**Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.  
Keep away from: Oxidizing agent

**Further information on storage conditions**

Recommended storage temperature: 5 - 40°C  
Protect against: Heat. UV-radiation/sunlight. Frost.

**Specific end use(s)**

Further information: see technical data sheet.

**8. Exposure controls/Personal protection****Control parameters****DNEL/DMEL values**

CAS No	Chemical name			
DNEL type	Exposure route	Effect	Value	
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified			
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m <sup>3</sup>	
Worker DNEL, long-term	inhalation	local	5,58 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	local	1,19 mg/m <sup>3</sup>	
Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day	
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts			
Worker DNEL, long-term	inhalation	systemic	11,75 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	3,33 mg/kg bw/day	
Worker DNEL, long-term	dermal	local	1,03 mg/cm <sup>2</sup>	
Consumer DNEL, long-term	inhalation	systemic	2,9 mg/m <sup>3</sup>	
Consumer DNEL, long-term	dermal	systemic	1,667 mg/kg bw/day	
Consumer DNEL, long-term	dermal	local	0,513 mg/cm <sup>2</sup>	
Consumer DNEL, long-term	oral	systemic	0,833 mg/kg bw/day	

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**PNEC values**

CAS No	Chemical name	
Environmental compartment		Value
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	
Secondary poisoning		9,33 mg/kg
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	
Freshwater		1 mg/l
Freshwater (intermittent releases)		10 mg/l
Marine water		1 mg/l
Freshwater sediment		226000000 mg/kg
Marine sediment		226000000 mg/kg
Secondary poisoning		16,667 mg/kg
Micro-organisms in sewage treatment plants (STP)		1000 mg/l
Soil		271000000 mg/kg

**Additional advice on limit values**

Recommended limit value for oil mist

TWA: 5

STEL: 10

Does not contain substances above concentration limits fixing an occupational exposure limit.

**Exposure controls****Appropriate engineering controls**

Provide adequate ventilation as well as local exhaust at critical locations.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly sealed safety glasses. German Industry Norms (DIN) / European Norms (EN): EN 166

**Hand protection**

Tested protective gloves must be worn: German Industry Norms (DIN) / European Norms (EN): EN ISO 374

Duration of wearing with permanent contact: 480 min

Suitable material: NBR (Nitrile rubber)

Thickness of glove material: 0.7 mm.

Wearing time with occasional contact (splashes): 30 min

Suitable material: NBR (Nitrile rubber)

Thickness of glove material: 0.4 mm

Protect skin by using skin protective cream.

**Skin protection**

Wear suitable protective clothing. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

**Respiratory protection**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Respiratory protection with filter against organic gases and vapors type A - boiling point &gt; 65 ° C: A1:

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&lt;1000 ppm; A2: &lt;5000 ppm; A3: &lt;10,000 ppm.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	brown
Odour:	like: Mineral oil
Odour threshold:	not determined

**Test method**

Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	not determined
Flammability:	No data available
Lower explosive limits:	No data available
Upper explosive limits:	No data available
Flash point:	230 °C DIN EN ISO 2592
Auto-ignition temperature:	not determined
Decomposition temperature:	No data available
pH-Value:	not applicable
Viscosity / kinematic: (at 100 °C)	11,9 mm <sup>2</sup> /s ASTM D 7042
Water solubility:	practically insoluble.
Solubility in other solvents	No data available
Partition coefficient n-octanol/water:	No data available
Vapour pressure:	No data available
Density (at 15 °C):	0,854 g/cm <sup>3</sup> DIN 51757
Relative vapour density:	No data available

**Other information****Information with regard to physical hazard classes**

Explosive properties	No data available
Self-ignition temperature	
Solid:	No data available
Gas:	No data available
Oxidizing properties	
No data available	

**Other safety characteristics**

Evaporation rate:	No data available
Pour point:	-42 °C ASTM D 7346

**10. Stability and reactivity****Reactivity**

The product is stable under storage at normal ambient temperatures.

**Chemical stability**

The mixture is chemically stable under recommended conditions of storage, use and temperature.

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

Refer to chapter 7 No further action is necessary.

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Do not overheat to avoid decomposition by heat.

**Incompatible materials**

Reacts with: Oxidising agent, strong. Acid.

**Hazardous decomposition products**

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO<sub>2</sub>) Sulphur oxides Phosphorus oxides  
Hydrogen sulphide (H<sub>2</sub>S) Nitrogen oxides (NO<sub>x</sub>). carbon black

**11. Toxicological information****Information on toxicological effects****Acute toxicity**

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

Mixture not tested.

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1982)	OECD Guideline 401
	dermal	LD50 > 5000 mg/kg	Rabbit	Study report (1982)	OECD Guideline 402
125643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate				
	oral	LD50 > 2000 mg/kg	Rat	Study report (2005)	OECD Guideline 423
	dermal	LD50 > 2000 mg/kg	Rat	Study report (2000)	OECD Guideline 402
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts				
	oral	LD50 > 16000 mg/kg	Rat	Study report (1981)	other: Section 772 .112-21 CFR 40
	dermal	LD50 > 4000 mg/kg	Rabbit	Study report (1986)	other: 40 CFR, Section 163.81-2, Federal

**Irritation and corrosivity**

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

**Sensitizing effects**

Contains Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts. May produce an allergic reaction.

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

**Aspiration hazard**

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

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

not applicable

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## 12. Ecological information

**Ecotoxicity**

Based on available data, the classification criteria are not met.  
Mixture not tested.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified					
	Acute fish toxicity	LL50 > 100 mg/l	96 h		Study report (1995)	OECD Guideline 203
	Acute algae toxicity	ErC50 >100 mg/l	72 h			
	Fish toxicity	NOEC >= 1000 mg/l	14 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
125643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate					
	Acute fish toxicity	LC50 > 0,001 mg/l	96 h	Oncorhynchus mykiss	Study report (2009)	OECD Guideline 203
	Acute algae toxicity	ErC50 > 0 mg/l	72 h	Desmodesmus subspicatus	Study report (2009)	OECD Guideline 201
	Acute crustacea toxicity	EL50 110 mg/l	48 h		Study report (2000)	OECD Guideline 202
	Fish toxicity	NOEC 0,36 mg/l	33 d		Study report (2009)	OECD Guideline 210
	Crustacea toxicity	NOEC 3,2 mg/l	21 d		Study report (2010)	OECD Guideline 211
	Acute bacteria toxicity	(EC50 > 1000 mg/l)	3 h	activated sludge of a predominantly domestic sewage	Study report (2000)	OECD Guideline 209
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts					
	Acute fish toxicity	LL50 > 10000 mg/l	96 h	Cyprinodon variegatus	REACH Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Registration Dossier	EPA OTS 797.1050
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h		REACH Registration Dossier	EPA OTS 797.1300
	Acute bacteria toxicity	(EC50 > 10000 mg/l)	3 h	activated sludge of a predominantly domestic sewage	REACH Registration Dossier	OECD Guideline 209

**Persistence and degradability**

Not easily bio-degradable (according to OECD-criteria). Do not allow to enter into surface water or drains.

**Bioaccumulative potential**

No data available

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
125643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	15100000
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	18,05



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**BCF**

CAS No	Chemical name	BCF	Species	Source
125643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	38	Cyprinus carpio	Study report (2002)

**Mobility in soil**

Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants.

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

No data available

**Further information**

Do not allow uncontrolled discharge of product into the environment.

**13. Disposal considerations****Waste treatment methods****Disposal recommendations**

Must not be disposed of with domestic refuse. Do not allow to enter into surface water or drains.

**List of Wastes Code - residues/unused products**

130206 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; synthetic engine, gear and lubricating oils; hazardous waste

**Contaminated packaging**

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Dispose of waste according to applicable legislation. Packing which cannot be properly cleaned must be disposed of.

**14. Transport information****Land transport (ADR/RID)**

**UN number or ID number:** -

**United Nations proper shipping name:** -

**Transport hazard class(es):** -

**Packing group:** -

**Inland waterways transport (ADN)**

**UN number or ID number:** -

**United Nations proper shipping name:** -

**Transport hazard class(es):** -

**Packing group:** -

**Marine transport (IMDG)**

**UN number or ID number:** -

**United Nations proper shipping name:** -

**Transport hazard class(es):** -

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**Packing group:** -  
**Air transport (ICAO-TI/IATA-DGR)**  
**UN number or ID number:** -  
**United Nations proper shipping name:** -  
**Transport hazard class(es):** -  
**Packing group:** -

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**Special precautions for user**

Unless specified otherwise, general measures for safe transport must be followed.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not applicable

**Other applicable information**

No dangerous good in sense of these transport regulations.

**15. Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**16. Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2,5,7,8,9,10,11,12,15,16.

**Abbreviations and acronyms**

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ASTM - American Society for the Testing of Materials; ATE - Acute Toxicity Estimates; bw - Body weight; CAO - Cargo Aircraft Only; CAS - Chemical Abstracts Service; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DNEL - Derived No-Effect Level; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EG - European Union; EN - European standards; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n;o;s; - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; OECD - Organization for Economic Co-operation and Development; PBT - Persistent, Bioaccumulative and Toxic substance; (Q)SAR - (Quantitative) Structure Activity Relationship;

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RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulation concerning the International Carriage of Dangerous Goods by Rail; RQ - Reportable Quantity; SADT - Self- Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Relevant H statements (number and full text)**

H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H413	May cause long lasting harmful effects to aquatic life.
EUH208	Contains Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

**Further Information**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*