



## Safety Data Sheet

## ADDINOL Arctic Grease XP 2

Revision date: 21.07.2022

Product code: 717208

Page 2 of 9

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic			< 50 %
	265-156-6		01-2119480375-34	
	Asp. Tox. 1; H304			

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		
64742-53-6	265-156-6	Distillates (petroleum), hydrotreated light naphthenic	< 50 %
	dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 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 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.

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

No information available.

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

Treat symptomatically.

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

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

**Unsuitable extinguishing media**

Water.

**Specific hazards arising from the hazardous product**

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

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

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

# Safety Data Sheet

## ADDINOL Arctic Grease XP 2

Revision date: 21.07.2022

Product code: 717208

Page 3 of 9

### Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray/stream 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. Avoid contact with skin, eye and clothing.

### Environmental precautions

Do not allow to enter into surface water or drains.

### Methods and material for containment and cleaning up

#### Other information

Take up mechanically. Dispose of waste according to applicable legislation. 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

Avoid contact with skin, eyes and clothes.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

#### Advice on general occupational hygiene

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

#### Further information on storage conditions

Protect against: UV-radiation/sunlight.Frost.

Recommended storage temperature: 5 - 40°C

### Specific end use(s)

Further information: see technical data sheet.

## 8. Exposure controls/Personal protection

### Control parameters

## Safety Data Sheet

## ADDINOL Arctic Grease XP 2

Revision date: 21.07.2022

Product code: 717208

Page 4 of 9

**DNEL/DMEL values**

CAS No	Chemical name			
DNEL type	Exposure route	Effect	Value	
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic			
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	

**PNEC values**

CAS No	Chemical name		
Environmental compartment	Value		
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic		
Secondary poisoning	9,33 mg/kg		

**Additional advice on limit values**

To date, no national critical limit values exist.

**Exposure controls****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**

No special measures are necessary.

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

Physical state:

Paste

## Safety Data Sheet

## ADDINOL Arctic Grease XP 2

Revision date: 21.07.2022

Product code: 717208

Page 5 of 9

Colour:

Odour: characteristic

## Test method

**Changes in the physical state**

Melting point/freezing point: &gt; 145 °C

Boiling point or initial boiling point and boiling range: &gt; 250 °C

Flash point: &gt; 160 °C DIN EN ISO 2592

**Flammability**

Solid/liquid: No data available

Gas: No data available

**Explosive properties**

not Explosive.

Lower explosive limits: No data available

Upper explosive limits: No data available

Auto-ignition temperature: No data available

**Self-ignition temperature**

Gas: No data available

Decomposition temperature: No data available

pH-Value: not applicable

Viscosity / kinematic: 14 mm<sup>2</sup>/s DIN 51562 - Base oil**Solubility in other solvents**

No data available

Partition coefficient n-octanol/water: No data available

Vapour pressure: No data available

Density (at 20 °C): 0,920 g/cm<sup>3</sup> DIN 51757

Relative vapour density: No data available

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

Oxidizing properties

No data available

**Other safety characteristics**

Evaporation rate: No data available

**Further Information**

No data available

**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.

## Safety Data Sheet

## ADDINOL Arctic Grease XP 2

Revision date: 21.07.2022

Product code: 717208

Page 6 of 9

**Conditions to avoid**

Refer to chapter 7 No further action is necessary.

Do not overheat to avoid decomposition by heat.

**Incompatible materials**

Reacts with: Oxidizing agents, strong.

**Hazardous decomposition products**

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

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

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

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1982)	OECD Guideline 401
	dermal	LD50 > 5000 mg/kg	Rabbit	Study report (1982)	OECD Guideline 402

**Irritation and corrosivity**

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

**Sensitizing effects**

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

**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

**Further information**

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to our experiences and available information.

**12. Ecological information**

## Safety Data Sheet

## ADDINOL Arctic Grease XP 2

Revision date: 21.07.2022

Product code: 717208

Page 7 of 9

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic					
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Study report (1995)	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	> 100			
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)
						The aquatic toxicity was estimated by a

**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

**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.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**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.

not applicable

**Other adverse effects**

No data available

**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**

120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats; 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:** -

## Safety Data Sheet

## ADDINOL Arctic Grease XP 2

Revision date: 21.07.2022

Product code: 717208

Page 8 of 9

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): -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 28

**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): 1,2.

**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).

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

H304 May be fatal if swallowed and enters airways.

EUH210 Safety data sheet available on request.

**Further Information**

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

**Safety Data Sheet****ADDINOL Arctic Grease XP 2**

Revision date: 21.07.2022

Product code: 717208

Page 9 of 9

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.

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