according to Regulation (EC) No 1907/2006

#### ADDINOL Screen Wash -60°C

Revision date: 17.10.2024 Product code: 796030 Page 1 of 13

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

ADDINOL Screen Wash -60°C

UFI: 8RK3-U9P6-2207-A11P; HC15-EX2V-XQ0C-JFCQ

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Anti-freeze and de-icing products. Cleaning agent.

#### 1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name: ADDINOL Lube Oil GmbH

Gebäude 4609

Street: Am Haupttor Place: D-06237 Leuna

Telephone: +49 (0) 3461 845-0 Telefax: +49 (0) 3461 845-555

E-mail: info@addinol.de
Contact person: Application Technology
Internet: www.addinol.de

Responsible Department: ADDINOL Application Technology

**Supplier** 

Company name: GEM OILS LIMITED

Place: IRL-H12K298 Regaskin Co. Cavan

Telephone: +353 49 4378116 Telefax: +353 49 4368329

E-mail: sales@gemoils.ie

Contact person: GEM OILS LIMITED Telephone: +353 49 4378116

E-mail: sales@gemoils.ie Internet: https://gemoils.ie/

1.4. Emergency telephone Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

number:

#### **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

## Regulation (EC) No 1272/2008

Flam. Liq. 3; H226 Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

# 2.2. Label elements

#### Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:





#### **Hazard statements**

H226 Flammable liquid and vapour. H319 Causes serious eye irritation.

according to Regulation (EC) No 1907/2006

#### ADDINOL Screen Wash -60°C

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#### **Precautionary statements**

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container to an appropriate recycling or disposal facility.

## Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

## 2.3. Other hazards

Inhalation causes narcotic effects/intoxication. Diminished responsiveness. The product is skin resorptive. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Keep in a cool, well-ventilated place.

## **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

#### Relevant ingredients

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification (Regulation (EC) No	1272/2008)			
64-17-5	ethanol; ethyl alcohol				
	200-578-6	603-002-00-5			
	Flam. Liq. 2, Eye Irrit. 2; H225 H319				
107-21-1	ethanediol; ethylene glycol				
	203-473-3	603-027-00-1			
	Acute Tox. 4, STOT RE 2; H302 H373				
78-93-3	butanone; ethyl methyl ketone			0.5 - < 1 %	
	201-159-0	606-002-00-3			
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066				

Full text of H and EUH 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	
64-17-5	200-578-6	ethanol; ethyl alcohol	40 - < 60 %
	inhalation: LC	50 = 95,6 mg/l (vapours); oral: LD50 = 6200 mg/kg	
107-21-1	203-473-3	ethanediol; ethylene glycol	5 - < 10 %
	dermal: LD50	= > 3500 mg/kg; oral: LD50 = 7712 mg/kg	
78-93-3	201-159-0	butanone; ethyl methyl ketone	0.5 - < 1 %
	oral: LD50 = 2	193 mg/kg	

## **Further Information**

DMSO-Extract < 3 %; IP 346. Classification system: The classification corresponds to the current EC lists and is completed by information from specialist literature and company information.

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

according to Regulation (EC) No 1907/2006

#### ADDINOL Screen Wash -60°C

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#### **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

Inhalation causes narcotic effects/intoxication.

Move victim to fresh air. Put victim at rest and keep warm. In case of breathing difficulties administer oxygen. If victim is at risk of losing consciousness, position and transport on their side.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. Use skin protection ointment after cleaning. In case of skin irritation, seek medical treatment.

#### 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. Caution if victim vomits: Risk of aspiration!

Rinse mouth immediately and drink plenty of water. Call a physician immediately.

Never give anything by mouth to an unconscious person or a person with cramps.

#### 4.2. Most important symptoms and effects, both acute and delayed

Vapours may cause drowsiness and dizziness.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam. Extinguishing powder. Atomized water. Carbon dioxide (CO2).

# Unsuitable extinguishing media

Full water jet

#### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO2). Sulfur oxides. Nitrogen oxides (NOx). carbon black.

Flammable. Vapours can form explosive mixtures with air. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

## 5.3. Advice for firefighters

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

Wear chemical resistant suit.

#### **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.

## **SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Remove all sources of ignition. When using do not smoke. Wear personal protection equipment. The following must be prevented: Inhalation of vapours or spray/mists. Provide adequate ventilation as well as local exhaustion at critical locations. Avoid contact with skin, eye and clothing.

# **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

#### ADDINOL Screen Wash -60°C

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#### 6.2. 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).

#### 6.3. Methods and material for containment and cleaning up

#### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal. Clean contaminated articles and floor according to the environmental legislation.

#### 6.4. 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

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

## Advice on safe handling

The vapours are heavier than air and can accumulate in high concentrations on the ground, in cavities, channels and cellars. Provide adequate ventilation as well as local exhaustion at critical locations. Wear personal protection equipment. Avoid contact with skin, eyes and clothes.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Take precautionary measures against static discharges. Use only antistatically equipped (spark-free) tools.

#### 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, smoke or sneeze at the workplace.

# 7.2. Conditions for safe storage, including any incompatibilities

## Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Keep container tightly closed in a cool place. Keep/Store only in original container.

#### Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Keep away from: Oxidizing agent. Pyrophoric or self-heating substances

## Further information on storage conditions

Protect from direct sunlight. Store in a cool dry place.

Recommended storage temperature: 5 - 40°C

# 7.3. Specific end use(s)

Further information: see technical data sheet.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

according to Regulation (EC) No 1907/2006

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# **Occupational exposure limits**

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
107-21-1	1,2-Dihydroxyethane, vapour	20	52		TWA (8 h)	
		40	104		STEL (15 min)	
107-21-1	Ethane-1,2-diol, vapour	20	52		TWA (8 h)	
		40	104		STEL (15 min)	
64-17-5	Ethanol	1000	-		STEL (15 min)	
107-21-1	Ethylene glycol, vapour	20	52		TWA (8 h)	
		40	104		STEL (15 min)	
78-93-3	Methyl ethyl ketone (MEK) (Butan-2-one)	200	600		TWA (8 h)	
		300	900		STEL (15 min)	
67-63-0	Propan-2-ol	200	-		TWA (8 h)	
		400	-		STEL (15 min)	

# **Biological limit values**

CAS No	Substance	Parameter	Value	Test material	Sampling time
67-63-0	2-Propanol	Acetone	40 mg/L		End of shift at end of workweek
78-93-3	Butan-2-one	Butan-2-one	70 µmol/L	Urine	Post shift

# **DNEL/DMEL values**

CAS No	Substance					
DNEL type		Exposure route	Effect	Value		
64-17-5	ethanol; ethyl alcohol					
Worker DNEL,	long-term	inhalation	systemic	380 mg/m³		
Consumer DNE	EL, long-term	inhalation	systemic	114 mg/m³		
107-21-1	ethanediol; ethylene glycol					
Worker DNEL,	long-term	inhalation	local	35 mg/m³		
Worker DNEL,	long-term	dermal	systemic	106 mg/kg bw/day		
Consumer DNE	EL, long-term	inhalation	local	7 mg/m³		
Consumer DNE	EL, long-term	dermal	systemic	53 mg/kg bw/day		
78-93-3	butanone; ethyl methyl ketone					
Worker DNEL,	long-term	inhalation	systemic	600 mg/m³		
Worker DNEL,	acute	inhalation	systemic	900 mg/m³		
Worker DNEL, long-term		dermal	systemic	1161 mg/kg bw/day		
Consumer DNEL, long-term		inhalation	systemic	106 mg/m³		
Consumer DNEL, acute		inhalation	systemic	450 mg/m³		
Consumer DNEL, long-term		dermal	systemic	412 mg/kg bw/day		
Consumer DNE	EL, long-term	oral	systemic	31 mg/kg bw/day		

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#### **PNEC values**

CAS No	Substance	
Environmen	tal compartment	Value
64-17-5	ethanol; ethyl alcohol	
Freshwater		0,96 mg/l
Freshwater	Freshwater (intermittent releases)	
Marine wate	г	0,79 mg/l
Freshwater	sediment	3,6 mg/kg
Marine sediment		2,9 mg/kg
Secondary poisoning		380 mg/kg
Micro-organ	Micro-organisms in sewage treatment plants (STP)	
Soil		0,63 mg/kg

#### Additional advice on limit values

source:

## 8.2. Exposure controls









#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion 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 are to 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.

## **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: blue
Odour: fruity

according to Regulation (EC) No 1907/2006

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Odour threshold: not determined

Test method

Melting point/freezing point: not determined ASTM D 1177

Boiling point or initial boiling point and 100 °C

boiling range:

Flammability: No data available
Lower explosion limits: not determined
Upper explosion limits: not determined

Flash point: > 23 °C DIN EN ISO 2592

Auto-ignition temperature: not determined

Decomposition temperature: No data available

pH-Value (at 20 °C): 8,0 DIN 51369

Water solubility: easily soluble.

Solubility in other solvents

No data available

Partition coefficient n-octanol/water:

Vapour pressure:

No data available
23 hPa

(at 20 °C)

Density (at 20 °C): 0,915 g/cm³ DIN 51757

Relative vapour density:

Particle characteristics:

No data available

No data available

9.2. Other information

Information with regard to physical hazard classes

Explosive properties not Explosive.
Self-ignition temperature

Solid: not applicable Gas: not applicable

Oxidizing properties

No data available

Other safety characteristics

Evaporation rate:

Pour point:

No data available

No data available

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Flammable. No information available.

#### 10.2. Chemical stability

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

# 10.3. Possibility of hazardous reactions

No known hazardous reactions.

# 10.4. Conditions to avoid

Refer to chapter 7 No further action is necessary.

Do not overheat to avoid decomposition by heat.

#### 10.5. Incompatible materials

Strong acid. Oxidising agent, strong.

#### 10.6. Hazardous decomposition products

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

according to Regulation (EC) No 1907/2006

#### ADDINOL Screen Wash -60°C

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In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO2). Sulfur oxides. Nitrogen oxides (NOx). carbon black.

#### **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### **Acute toxicity**

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

Mixture not tested.

#### **ATEmix** calculated

ATE (oral) 5556 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name							
	Exposure route	Dose		Species	Source	Method		
64-17-5	ethanol; ethyl alcohol							
	oral	LD50 mg/kg	6200	Rat	IUCLID			
	inhalation (4 h) vapour	LC50	95,6 mg/l	Rat	RTECS			
107-21-1	ethanediol; ethylene glycol							
	oral	LD50 mg/kg	7712	Rat	Study report (1968)	according to BASF-internal standards		
	dermal	LD50 mg/kg	> 3500	Mouse	Fundamental and Applied Toxicology 27: 1	LD50 derived from developmental toxicity		
78-93-3	butanone; ethyl methyl k	butanone; ethyl methyl ketone						
	oral	LD50 mg/kg	2193	Rat	REACh Registration Dossier	OECD Guideline 423		

#### Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

#### Sensitising effects

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

#### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive toxicity: 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.

## **Aspiration hazard**

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

# 11.2. Information on other hazards

## **Endocrine disrupting properties**

not applicable

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

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

according to Regulation (EC) No 1907/2006

## ADDINOL Screen Wash -60°C

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#### Mixture not tested.

CAS No	Chemical name								
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method		
64-17-5	ethanol; ethyl alcohol								
	Acute crustacea toxicity	EC50 14221 mg/l	9268 -	48 h	Daphnia magna	IUCLID			
107-21-1	ethanediol; ethylene glyco	ol							
	Acute fish toxicity	LC50 mg/l	53000	96 h	Pimephales promelas	Publication (1983)	other: ASTM Subcommittee on Safety to Aq		
	Acute algae toxicity	ErC50 13000 mg/l	6500 -	96 h	Raphidocelis subcapitata	Study report (1982)	other: EPA 600/9-78-018, 1978		
	Acute crustacea toxicity	EC50 mg/l	> 100	48 h	Daphnia magna	Study report (1998)	OECD Guideline 202		
	Fish toxicity	NOEC mg/l	> 40	28 d	Menidia peninsulae	Publication (1985)	other: ASTM E-47.01		
	Crustacea toxicity	NOEC mg/l	8590	7 d	Ceriodaphnia dubia	Environ. Toxicology and Chemistry, Vol.	other: EPA 600/4-89/001. U.S. Environmen		
	Acute bacteria toxicity	EC50 mg/l ( )	> 1000	3 h	activated sludge, domestic	Chemosphere 14(9), 1239-1251 (1985)	OECD Guideline 209		
78-93-3	butanone; ethyl methyl ketone								
	Acute fish toxicity	LC50 mg/l	2973	96 h	Pimephales promelas	REACh Registration Dossier	OECD Guideline 203		
	Acute algae toxicity	ErC50 mg/l	1220	72 h	Raphidocelis subcapitata	REACh Registration Dossier	OECD Guideline 201		
	Acute crustacea toxicity	EC50	308 mg/l	48 h	Daphnia magna	REACh Registration Dossier	OECD Guideline 202		

# 12.2. Persistence and degradability

No data available

## 12.3. Bioaccumulative potential

No data available

## Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	-0,31
107-21-1	ethanediol; ethylene glycol	-1,36
78-93-3	butanone; ethyl methyl ketone	0,3

## 12.4. Mobility in soil

No data available

## 12.5. Results of PBT and vPvB assessment

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

## 12.6. 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.

# 12.7. Other adverse effects

# **Safety Data Sheet**

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No data available

#### **Further information**

Do not allow to enter into surface water or drains.

## **SECTION 13: Disposal considerations**

## 13.1. 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

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation,

supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and

mother liquors; 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 thrown away.

## **SECTION 14: Transport information**

#### Land transport (ADR/RID)

14.1. UN number or ID number: UN 1987

**14.2. UN proper shipping name:** ALKOHOLE, N.A.G.

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Classification code: F1
Special Provisions: 274
Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 30
Tunnel restriction code: D/E

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1987

**14.2. UN proper shipping name:** ALKOHOLE, N.A.G.

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Classification code: F1
Special Provisions: 274
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number or ID number: UN 1987

14.2. UN proper shipping name: ALCOHOLS, N.O.S.

14.3. Transport hazard class(es): 3

# **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

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14.4. Packing group:IIIHazard label:3



Special Provisions: 223, 274
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-E, S-D
Segregation group: alkalis

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1987

14.2. UN proper shipping name: ALCOHOLS, N.O.S.

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Special Provisions:

Limited quantity Passenger:

Passenger LQ:

Y344

Excepted quantity:

E1

IATA-packing instructions - Passenger:355IATA-max. quantity - Passenger:60 LIATA-packing instructions - Cargo:366IATA-max. quantity - Cargo:220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Warning: flammable liquids.

## 14.7. Maritime transport in bulk according to IMO instruments

not applicable

## **SECTION 15: Regulatory information**

# 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

## **EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial 59,804 % (554,379 g/l)

emissions:

Directive 2004/42/EC on VOC in 59,82 % (554,534 g/l)

paints and varnishes:

Information according to Directive P5c FLAMMABLE LIQUIDS

2012/18/EU (SEVESO III):

#### **Additional information**

To follow: Regulation (EC) No. 648/2004 [Detergents regulation] 850/2004/EC, 1107/2009/EC, 649/2012/EC.

#### National regulatory information

according to Regulation (EC) No 1907/2006

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Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC).

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

#### 15.2. Chemical safety assessment

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

## **SECTION 16: Other information**

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,5,7,9,15.

#### Abbreviations and acronyms

Flam. Liq: Flammable liquid Acute Tox: Acute toxicity Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure STOT RE: Specific target organ toxicity - repeated exposure

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;

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

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Eye Irrit. 2; H319	Calculation method

## Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	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.

EUH066 Repeated exposure may cause skin dryness or cracking.

# **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

#### ADDINOL Screen Wash -60°C

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#### **Further Information**

The mixture is classified as 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 relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)