according to Regulation (EC) No 1907/2006

**ADDINOL Chain Adhesive Spray** 

evision date: 10.07.2023 Product code: 717060			Page 1 of 1
SECTION 1: Identification of t	he substance/mixture and of the compa	iny/undertaking	
1.1. Product identifier ADDINOL Chain Adhesive	Sprav		
UFI:	NMR3-UNNM-WN69-1DFF		
	he substance or mixture and uses advised a	anainst	
Use of the substance/mixture		iganist	
Aerosol - Lubricant, lubrifiar	ats and release products		
I.3. Details of the supplier of the	•		
	Salely uald Sileel		
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	9 2566 (24 hour service)	
<u>number:</u>			

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

# Regulation (EC) No 1272/2008

Aerosol 1; H222-H229

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:

word.







# Hazard statements

H222 H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

according to Regulation (EC) No 1907/2006

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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.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to an appropriate recycling or disposal facility.
Special labelling o	f certain mixtures

EUH208 Contains Sulfonic acids, petroleum, calcium salts. May produce an allergic reaction. 81 % by mass of the contents are flammable.

# Additional advice on labelling

The product is classified and labelled according to EC directives or corresponding national laws.

# 2.3. Other hazards

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

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

#### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification (Regulation (	(EC) No 1272/2008)			
106-97-8	butane				
	203-448-7	601-004-00-0			
	Flam. Gas 1; H220				
74-98-6	propane				
	200-827-9	601-003-00-5			
	Flam. Gas 1; H220				
61789-86-4	Sulfonic acids, petroleum,	calcium salts		0.1 - < 0.3 %	
	263-093-9		01-2119488992-18		
	Skin Sens. 1B; H317				

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. L	imits, M-factors and ATE	
61789-86-4	263-093-9	Sulfonic acids, petroleum, calcium salts	0.1 - < 0.3 %
	dermal: LD50 =	: > 5000 mg/kg; oral: LD50 = > 16000 mg/kg Skin Sens. 1B; H317: >= 10 - 100	

# **Further Information**

DMSO-Extrakt < 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

#### **General information**

Remove affected person from the danger area and lay down. Position and transport victim on their side. In

according to Regulation (EC) No 1907/2006

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case of respiratory distress, bring into semi-upright, seated position. 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. In case of breathing difficulties administer oxygen. In case of respiratory tract irritation, consult a physician.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

#### After ingestion

Do NOT induce vomiting.

Rinse mouth thoroughly with water. Call a physician immediately.

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

following inhalation: drowsiness. Headache. Nausea.

#### 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

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

Unsuitable extinguishing media

# High power water jet.

# 5.2. Special hazards arising from the substance or mixture

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

Vapours may form explosive mixtures with air.

#### 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 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.

# **SECTION 6: Accidental release measures**

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

#### General advice

Provide adequate ventilation. The vapours are heavier than air and can accumulate in high concentrations on the ground, in cavities, channels and cellars. Avoid contact with skin and eyes. Keep away from sources of ignition - No smoking.

## 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). Treat the

according to Regulation (EC) No 1907/2006

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recovered material as prescribed in the section on waste 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

Work in well-ventilated zones or use proper respiratory protection. Do not breathe gas/fumes/vapour/spray. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. To avoid risks to man and the environment, comply with the instructions for use. Avoid contact with skin, eyes and clothes. Do not pierce or burn, even after use.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Heating causes rise in pressure with risk of bursting.

#### 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.

#### Further information on handling

People who suffer from asthma, allergies, chronic or recurring respiratory illnesses must not be deployed in processes, which use this substance.

#### 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 away from sources of ignition - No smoking.

Please note: TRG 300, aerosol directive (75/324/EEC).

## 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.

Do not store at temperatures over: 50°C.

# 7.3. Specific end use(s)

Further information: see technical data sheet.

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

#### 8.1. Control parameters

#### **Occupational exposure limits**

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
	Aliphatic hydrocarbon gases, Alkanes (C1-C3), Propane	-	-		Asphyxiant	
106-97-8	Butane, all isomers - n-butane	1000	-		STEL (15 min)	

according to Regulation (EC) No 1907/2006

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# **DNEL/DMEL** values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
61789-86-4	Sulfonic acids, petroleum, calcium salts			
Worker DNEL,	long-term	inhalation	systemic	11,75 mg/m³
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 DN	EL, long-term	inhalation	systemic	2,9 mg/m³
Consumer DN	EL, long-term	dermal	systemic	1,667 mg/kg bw/day
Consumer DN	EL, long-term	dermal	local	0,513 mg/cm <sup>2</sup>
Consumer DN	EL, long-term	oral	systemic	0,833 mg/kg bw/day

# **PNEC** values

CAS No	Substance			
Environmenta	al compartment	Value		
61789-86-4	Sulfonic acids, petroleum, calcium salts			
Freshwater		1 mg/l		
Freshwater (ir	ntermittent releases)	10 mg/l		
Marine water		1 mg/l		
Freshwater se	ediment	226000000 mg/kg		
Marine sedim	ent	226000000 mg/kg		
Secondary po	visoning	16,667 mg/kg		
Micro-organis	Micro-organisms in sewage treatment plants (STP)			
Soil		271000000 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).

according to Regulation (EC) No 1907/2006

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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. Wear anti-static footwear and clothing

# **Respiratory protection**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Cosaint riospráide le scagaire i gcoinne gás orgánach agus gaile cineál A - fiuchphointe> 65 ° C: A1: <1000 ppm; A2: <5000 ppm; A3: <10,000 ppm.

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

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

Physical state:	gaseous	
Colour:	light brown	
Odour:	characteristic	
Odour threshold:	not determined	
		Test method
Melting point/freezing point:	not applicable	
Boiling point or initial boiling point and	< -20 °C	
boiling range:		
Flammability:	not applicable	
Lower explosion limits:	3 vol. %	
Upper explosion limits:	15 vol. %	
Flash point:	< -20 °C	DIN EN ISO 2592
Auto-ignition temperature:	287 °C	DIN 51794
Decomposition temperature:	not determined	
pH-Value:	not applicable	
Viscosity / kinematic:	not applicable	
Water solubility:	insoluble	
Solubility in other solvents		
No data available		
Partition coefficient n-octanol/water:	No data available	
Vapour pressure:	not determined	
Density (at 20 °C):	0,605 g/cm³	DIN 51757
Relative vapour density:	No data available	
9.2. Other information		
Information with regard to physical haza	ard classes	
Explosive properties		
In case of insufficient ventilation and/o	r through use, explosive/highly flammable mixtures n	nay develop.
Self-ignition temperature		
Solid:	not applicable	
Gas:	not applicable	
Oxidizing properties		
No data available		
Other safety characteristics		
Evaporation rate:	not applicable	
SECTION 10: Stability and reactivity		

according to Regulation (EC) No 1907/2006

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# 10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

# 10.2. Chemical stability

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

#### 10.3. Possibility of hazardous reactions

Ignition hazard.

Vapours may form explosive mixtures with air.

#### 10.4. Conditions to avoid

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Take precautionary measures against static discharges. See protective measures under point 7 and 8.

#### 10.5. Incompatible materials

No data available

## 10.6. Hazardous decomposition products

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

Vapours may form explosive mixtures with air.

## **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.

CAS No	Chemical name								
	Exposure route	Dose		Species	Source	Method			
61789-86-4	Sulfonic acids, petroleum, calcium salts								
	oral	LD50 > 1 mg/kg	16000	Rat	J I ()	other: Section 772 .112-21 CFR 40			
	dermal	LD50 > 5 mg/kg	5000	Rabbit	Study report (1981)	OECD Guideline 402			

#### Irritation and corrosivity

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

#### Sensitising effects

Contains Sulfonic acids, petroleum, 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.

# Aspiration hazard

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

#### 11.2. Information on other hazards

#### Endocrine disrupting properties

not applicable

according to Regulation (EC) No 1907/2006

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## 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.

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

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

CAS No	Chemical name								
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method		
106-97-8	butane								
	Acute fish toxicity	LC50 mg/l	49,9	96 h	Fish, no other information	United States Environmental Protection A	The Ecosar class program has been develo		
	Acute algae toxicity	ErC50 mg/l	19,37	96 h	Algae	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.		
	Acute crustacea toxicity	EC50 mg/l	69,43	48 h	Daphnia sp.	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.		
74-98-6	propane								
	Acute fish toxicity	LC50 mg/l	49,9	96 h	Fish, no other information	United States Environmental Protection A	The Ecosar class program has been develo		
	Acute algae toxicity	ErC50 mg/l	19,37	96 h	Algae	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.		
	Acute crustacea toxicity	EC50 mg/l	69,43	48 h	Daphnia sp.	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.		
61789-86-4	Sulfonic acids, petroleum	, calcium sa	lts			•			
	Acute fish toxicity	LL50 mg/l	> 10000	96 h	Cyprinodon variegatus	Study report (1986)	OECD Guideline 203		
	Acute algae toxicity	ErC50 mg/l	> 1000	72 h	Pseudokirchneriella subcapitata	Study report (1994)	EPA OTS 797.1050		
	Acute crustacea toxicity	EC50 mg/l	> 1000	48 h	Daphnia magna	Study report (1993)	EPA OTS 797.1300		
	Acute bacteria toxicity	(EC50 mg/l)	> 10000	3 h	activated sludge of a predominantly domestic sewag	Study report (1994)	OECD Guideline 209		

# 12.2. Persistence and degradability

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

# 12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-97-8	butane	1,09
74-98-6	propane	1,09
61789-86-4	Sulfonic acids, petroleum, calcium salts	> 4,46

# 12.4. Mobility in soil

Product is easily volatile. Product is difficult to dissolve in water.

# 12.5. Results of PBT and vPvB assessment

according to Regulation (EC) No 1907/2006

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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

No data available

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

#### **Disposal recommendations**

Do not open container by force. 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

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

# Contaminated packaging

Dispose of waste according to applicable legislation.

# **SECTION 14: Transport information**

#### Land transport (ADR/RID) UN 1950 14.1. UN number or ID number: 14.2. UN proper shipping name: AFROSOLS 14.3. Transport hazard class(es): 2 14.4. Packing group: Hazard label: 2.1 Classification code: 5F Special Provisions: 190 327 344 625 Limited quantity: 11 Excepted quantity: F0 Transport category: 2 Tunnel restriction code: D Inland waterways transport (ADN) 14.1. UN number or ID number: UN 1950 14.2. UN proper shipping name: **AEROSOLS** 14.3. Transport hazard class(es): 2 14.4. Packing group: Hazard label: 2.1 Classification code: 5F Special Provisions: 190 327 344 625 Limited quantity: 1 L Excepted quantity: F0 Marine transport (IMDG) UN 1950 14.1. UN number or ID number: Revision No: 1,34 - Replaces version: 1,33

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14.2. UN proper shipping name: 14.3. Transport hazard class(es): 14.4. Packing group: Hazard label:	AEROSOLS 2.1 - 2.1		
Special Provisions: Limited quantity: Excepted quantity: EmS:	<sup>2</sup> 63, 190, 277, 327, 34 1000 mL E0 F-D, S-U	4, 381, 959	
Air transport (ICAO-TI/IATA-DGR) <u>14.1. UN number or ID number:</u> <u>14.2. UN proper shipping name:</u> <u>14.3. Transport hazard class(es):</u> <u>14.4. Packing group:</u> Hazard label:	UN 1950 AEROSOLS, flamma 2.1 - 2.1	ble	
Special Provisions: Limited quantity Passenger: Passenger LQ: Excepted quantity: IATA-packing instructions - Passenger: IATA-max. quantity - Passenger: IATA-packing instructions - Cargo: IATA-max. quantity - Cargo:	A145 A167 A802 30 kg G Y203 E0	203 75 kg 203 150 kg	
14.5. Environmental hazards		0	
ENVIRONMENTALLY HAZARDOUS:	No		
14.6. Special precautions for userWarning: flammable gases.14.7. Maritime transport in bulk according to not applicable	IMO instruments		
SECTION 15: Regulatory information			
15.1. Safety, health and environmental regul	ations/legislation spec	cific for the substance or mixture	
EU regulatory information Restrictions on use (REACH, annex XVII): Entry 28, Entry 40 2010/75/EU (VOC): 2004/42/EC (VOC): Information according to 2012/18/EU	80 % (484 g/L) 80 % (484 g/L) P3a FLAMMABLE AB		
(SEVESO III): Additional information			
To follow: 850/2004/EC, 79/117/EEC, 6	89/2008/EC , 2008/47/	/EC, Aerosolrichtlinie (75/324/EWG)	

# National regulatory information

according to Regulation (EC) No 1907/2006

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Employment restrictions:	Observe restrictions to employment for juveniles acc work protection guideline' (94/33/EC). Observe empl under the Maternity Protection Directive (92/85/EEC nursing mothers.	oyment restrictions		
Water hazard class (D):	1 - slightly hazardous to water			

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): 5,6,7,9,11,12,15,16.

# 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; 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 and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H317	May cause an allergic skin reaction.
EUH208	Contains Sulfonic acids, petroleum, calcium salts. May produce an allergic reaction.

# **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.

according to Regulation (EC) No 1907/2006

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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.)