according to UK REACH Regulation

ADDINOL FoodProof Cleaning Spray

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

1.1. Product identifier

ADDINOL FoodProof Cleaning Spray

UFI: CXJ2-S2DJ-Y201-ACGQ

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

Use of the substance/mixture

Aerosol - 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: Specialised Products (Western) Limited
Street: 76 Cobham Road, Ferndown Industrial Estate

Place: GB-BH21 7RN Wimborne, Dorset

Telephone: +44 1202 891393 Telefax: +44 1202 876908

e-mail: sales@specialisedproducts.co.uk
Internet: http://specialisedproducts.co.uk

1.4. Emergency telephone +44 1202 891393 - This number is serviced during office hours.

number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Aerosol 3; H229 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411

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

GB CLP Regulation

Hazard components for labelling

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

propan-2-ol; isopropyl alcohol; isopropanol

Signal word: Danger

according to UK REACH Regulation

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Pictograms:







Hazard statements

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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 of certain mixtures

96 % 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			Quantity			
	EC No	Index No	REACH No				
	Classification (GB CLP Regulation)						
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane						
	921-024-6		01-2119475514-35				
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411						
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol						
	200-661-7	61-7 603-117-00-0					
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336						
106-97-8	butane						
	203-448-7		01-2119474691-32				
	Flam. Gas 1, Liquefied gas; H220 H280						
124-38-9	Carbon dioxide						
	204-696-9						
	Compressed gas; H280						

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

according to UK REACH Regulation

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity		
	Specific Conc. L	imits, M-factors and ATE			
	921-024-6	-6 Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane			
	inhalation: LC50 = > 25,2 mg/l (vapours); dermal: LD50 = > 2800 - 3100 mg/kg; oral: LD50 = > 5000 mg/kg				
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	5 - < 10 %		
	inhalation: LC5	0 = 47,5 mg/l (vapours); dermal: LD50 = 12800 mg/kg; oral: LD50 = 5280 mg/kg			
106-97-8	203-448-7	butane	2.5 - < 5 %		
	inhalation: LC5	0 = 658 mg/l (vapours)			

Labelling for contents according to Regulation (EC) No 648/2004

>= 30 % aliphatic hydrocarbons.

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 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.

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). Dry extinguishing powder. alcohol resistant foam.

Unsuitable extinguishing media

Water

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.

according to UK REACH Regulation

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Flammable. 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/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 persons to safety. Wear a self-contained breathing apparatus and chemical resistant suit. Vapours are heavier than air and will spread at floor level. 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). 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

Use only in well-ventilated areas. Take precautionary measures against static discharges. Do not spray on naked flames or any incandescent material. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Avoid contact with skin, eyes and clothes.

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. Avoid contact with skin, eyes and clothes.

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).

according to UK REACH Regulation

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Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Keep away from: Oxidizing agents. Material, rich in oxygen, oxidizing.

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

Exposure limits (EH40)

Substance	ppm	mg/m³	fibres/ml	Category	Origin
Butane	600	1450		TWA (8 h)	WEL
	750	1810		STEL (15 min)	WEL
Carbon dioxide	5000	9150		TWA (8 h)	WEL
	15000	27400		STEL (15 min)	WEL
Propan-2-ol	400	999		TWA (8 h)	WEL
	500	1250		STEL (15 min)	WEL
	Butane Carbon dioxide	Butane 600 750 Carbon dioxide 5000 15000 Propan-2-ol 400	Butane 600 1450 750 1810 Carbon dioxide 5000 9150 15000 27400 Propan-2-ol 400 999	Butane 600 1450 750 1810 Carbon dioxide 5000 9150 15000 27400 Propan-2-ol 400 999	Butane 600 1450 TWA (8 h) 750 1810 STEL (15 min) Carbon dioxide 5000 9150 TWA (8 h) 15000 27400 STEL (15 min) Propan-2-ol 400 999 TWA (8 h)

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes	, cyclics, < 5% n-hexane		
Worker DNE	L, long-term	inhalation	systemic	2035 mg/m ³
Worker DNE	L, long-term	dermal	systemic	773 mg/kg bw/day
Consumer D	NEL, long-term	inhalation	systemic	608 mg/m³
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
Consumer D	NEL, long-term	oral	systemic	699 mg/kg bw/day
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Worker DNE	L, long-term	inhalation	systemic	500 mg/m³
Worker DNE	L, long-term	dermal	systemic	888 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m³
Consumer D	NEL, long-term	dermal	systemic	319 mg/kg bw/day
Consumer D	NEL, long-term	oral	systemic	26 mg/kg bw/day

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PNEC values

CAS No	Substance			
Environmen	Environmental compartment			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Freshwater		140,9 mg/l		
Freshwater	(intermittent releases)	140,9 mg/l		
Marine water		140,9 mg/l		
Freshwater sediment		552 mg/kg		
Marine sedi	Marine sediment			
Secondary p	Secondary poisoning			
Micro-organ	2251 mg/l			
Soil 28 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. Breathing protection with filter against organic gases and vapours type A - boiling point > 65°C: A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: gaseous

according to UK REACH Regulation

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Colour: various colors
Odour: characteristic
Odour threshold: not determined

Test method

Changes in the physical state

Melting point/freezing point:

No data available

Boiling point or initial boiling point and

<-20 °C

boiling range:

Flash point: < -20 °C

Flammability

Solid/liquid: No data available
Gas: No data available

Explosive properties

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

Lower explosion limits: 0,6 vol. %
Upper explosion limits: 13 vol. %
Auto-ignition temperature: > 200 °C

Self-ignition temperature

Solid:
Gas:
No data available
No data available
No data available
Decomposition temperature:
No data available
PH-Value:
No data available
Viscosity / kinematic:
not applicable
Water solubility:
insoluble

Solubility in other solvents

No data available

Partition coefficient n-octanol/water:

Vapour pressure:

No data available

No data available

Density (at 20 °C): 0,708 g/cm³ DIN 51757

Relative vapour density:

No data available

9.2. 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

SECTION 10: Stability and reactivity

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

according to UK REACH Regulation

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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

Keep away from: Oxidizing agents.

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 GB CLP Regulation

Acute toxicity

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

CAS No	Chemical name	Chemical name					
	Exposure route	Dose		Species	Source	Method	
	Hydrocarbons, C6-C7, n-	-alkanes, isoa	lkanes, cyc	lics, < 5% n-hexane			
	oral	LD50 mg/kg	> 5000	Rat			
	dermal	LD50 3100 mg/kg	> 2800 -	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de	
	inhalation (4 h) vapour	LC50 mg/l	> 25,2	Rat	Study report (1988)	Group of rats were exposed to test subst	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol						
	oral	LD50 mg/kg	5280	Rat			
	dermal	LD50 mg/kg	12800	Rabbit			
	inhalation (4 h) vapour	LC50	47,5 mg/l	Rat			
106-97-8	butane						
	inhalation (4 h) vapour	LC50	658 mg/l	Rat			

Irritation and corrosivity

Causes skin irritation.

Serious eye damage/eye 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

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

STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane)

STOT-repeated exposure

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

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Aspiration hazard

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

11.2. 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.

SECTION 12: Ecological information

12.1. Toxicity

No data available

Mixture not tested.

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method	
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane							
	Acute fish toxicity	LC50 mg/l	11,40	96 h	Oncorhynchus mykiss (Rainbow trout)			
	Acute algae toxicity	ErC50 mg/l	10 - 30	72 h	Pseudokirchneriella subcapitata	Study report (1995)	OECD Guideline 201	
	Acute crustacea toxicity	EC50	3 mg/l	48 h	Daphnia magna			
	Fish toxicity	NOEC mg/l	2,045	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a	
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol							
	Acute fish toxicity	LC50 mg/l	10000	96 h	Pimephales promelas	Publication (1983)	OECD Guideline 203	
	Acute algae toxicity	ErC50 mg/l	1000	72 h	Pseudokirchneriella subcapitata			
	Crustacea toxicity	NOEC mg/l	13299	2 d	Daphnia magna			
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.	
124-38-9	Carbon dioxide							
	Acute fish toxicity	LC50	35 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)			

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

according to UK REACH Regulation

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No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,05
106-97-8	butane	1,09

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 UK REACH.

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)

14.1. UN number or ID number:UN 195014.2. UN proper shipping name:AEROSOLS14.3. 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: E0
Transport category: 2
Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number or ID number:UN 195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es):214.4. Packing group:-Hazard label:2.1

according to UK REACH Regulation

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Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L
Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number or ID number: UN 1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es):2.114.4. Packing group:-Hazard label:2.1



Special Provisions: 63, 190, 277, 327, 344, 381, 959

Limited quantity: 1000 mL Excepted quantity: E0 EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1950

14.2. UN proper shipping name: AEROSOLS, flammable

14.3. Transport hazard class(es):2.114.4. Packing group:-Hazard label:2.1



Special Provisions: A145 A167 A802

Limited quantity Passenger: 30 kg G
Passenger LQ: Y203
Excepted quantity: E0

IATA-packing instructions - Passenger:203IATA-max. quantity - Passenger:75 kgIATA-packing instructions - Cargo:203IATA-max. quantity - Cargo:150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

14.6. Special precautions for user

Warning: flammable gases.

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

according to UK REACH Regulation

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EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 29, Entry 40, Entry 75

2010/75/EU (VOC): 97 % (698,4 g/l) 2004/42/EC (VOC): 97 % (698,4 g/l)

Information according to 2012/18/EU P3a FLAMMABLE AEROSOLS

(SEVESO III):

Additional information: E2

National regulatory information

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

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

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure	
Aerosol 3; H229	On basis of test data	
Skin Irrit. 2; H315	Bridging principle "Aerosols"	
STOT SE 3; H336	Bridging principle "Aerosols"	
Aquatic Chronic 2; H411	Calculation method	

Relevant H and EUH statements (number and full text)

H220 Extremely flammable gas.

according to UK REACH Regulation

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H225	Highly flammable liquid and vapour.				
H229	Pressurised container: May burst if heated.				
H280	Contains gas under pressure; may explode if heated.				
H304	May be fatal if swallowed and enters airways.				
H315	Causes skin irritation.				
H319	Causes serious eye irritation.				
H336	May cause drowsiness or dizziness.				
H411	Toxic to aquatic life with long lasting effects.				

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