Safety Data Sheet

according to Regulation (EC) No 1907/2006

Creartec GmbH Formen-Trenn-Spray (60 616)

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

1.1. Product identifier

Creartec GmbH Formen-Trenn-Spray (60 616)

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

Use of the substance/mixture

Lubricants, greases, release products
The product is intended for private use.

1.3. Details of the supplier of the safety data sheet

Company name:	Creartec GmbH	
Street:	Lauenbühlstr. 59	
Place:	D-88161 Lindenberg	
Telephone:	0049-(0)8381 80740 0	Telefax: 0049-(0)8381 80740 10
e-mail:	info@creartec.info	
Internet:	www.creartec.de	

1.4. Emergency telephone number:

0049-(0)8381 80740 0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Aerosol: Aerosol 1
Aspiration hazard: Asp. Tox. 1
Skin corrosion/irritation: Skin Irrit. 2
Specific target organ toxicity - single exposure: STOT SE 3
Hazardous to the aquatic environment: Aquatic Chronic 2
Hazard Statements:
Extremely flammable aerosol.
Pressurised container: May burst if heated.
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause drowsiness or dizziness.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Hydrocarbons C7-C9, n-Alkanes, Isoalkanes, Cyclics
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Signal word: Danger

Pictograms:

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin 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.

2.3. Other hazards

Even after use and until complete evaporation of the flammable components, there is still a danger of an explosive steam-air mixture forming.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
106-97-8	butane			40 - < 45 %
	203-448-7		01-2119474691-32	
	Flam. Gas 1, Liquefied gas; H220 H280			
74-98-6	propane			20 - < 25 %
	200-827-9		01-2119486944-21	
	Flam. Gas 1, Liquefied gas; H220 H280			
	Hydrocarbons C7-C9, n-Alkanes, Isoalkanes, Cyclics			15 - < 20 %
	920-750-0		01-2119473851-33	
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411 EUH066			
	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane			5 - < 10 %
	926-605-8		01-2119486291-36	
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411			
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			2.5 - < 5 %
	927-510-4		01-2119475515-33	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 EUH066			
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			2.5 - < 5 %
	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			
	Hydrocarbons, C6, isoalkanes, <5% n-hexane			2.5 - < 5 %
	931-254-9		01-2119484651-34	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
110-54-3	n-hexane			0.1 - < 0.5 %
	203-777-6	601-037-00-0	01-2119480412-44	
	Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 2; H225 H361f H315 H336 H373 H304 H411			
110-82-7	cyclohexane			< 0.1 %
	203-806-2		01-2119463273-41	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H225 H315 H336 H304 H400 H410			

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove affected person from the danger area and lay down. Put victim at rest, cover with a blanket and keep warm. If unconscious place in recovery position and seek medical advice.

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Observe risk of aspiration if vomiting occurs. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

Pneumonia, Headache, Nausea, Impaired consciousness

Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

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), Foam, Extinguishing powder.

Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

Extremely flammable aerosol. Vapours can form explosive mixtures with air.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Danger of explosion

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Do not pierce or burn, even after use. If local exhaust ventilation is not possible or not sufficient, the entire

working area should be ventilated by technical means. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

Further information on handling

Heating causes rise in pressure with risk of bursting.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on storage compatibility

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances.

7.3. Specific end use(s)

Lubricants, greases, release products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL
110-82-7	Cyclohexane	100	350		TWA (8 h)	WEL
		300	1050		STEL (15 min)	WEL
110-54-3	n-Hexane	20	72		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
	Hydrocarbons C7-C9, n-Alkanes, Isoalkanes, Cyclics			
Worker DNEL, long-term		dermal	systemic	773 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	2035 mg/m³
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	608 mg/m³
Consumer DNEL, long-term		oral	systemic	699 mg/kg bw/day
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			
Worker DNEL, long-term		dermal	systemic	300 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	2085 mg/m³
Consumer DNEL, long-term		dermal	systemic	149 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	447 mg/m³
Consumer DNEL, long-term		oral	systemic	149 mg/kg bw/day
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
Worker DNEL, long-term		dermal	systemic	773 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	2035 mg/m³
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	608 mg/m³
Consumer DNEL, long-term		oral	systemic	699 mg/kg bw/day
	Hydrocarbons, C6, isoalkanes, <5% n-hexane			
Worker DNEL, long-term		inhalation	systemic	5306 mg/m³
Worker DNEL, long-term		dermal	systemic	13964 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1131 mg/m³
Consumer DNEL, long-term		dermal	systemic	1377 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	1301 mg/kg bw/day

8.2. Exposure controls

Appropriate engineering controls

Do not breathe gas/fumes/vapour/spray. Operate if possible out of doors or in a well-ventilated place.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary . When using do not eat or drink.

Eye/face protection

Wear eye protection/face protection. Suitable eye protection: Eye glasses with side protection DIN EN 166

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. DIN EN 374
Suitable material: NBR (Nitrile rubber) (0,4mm), Breakthrough time (maximum wearing time): >=240 min.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear anti-static footwear and clothing

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Suitable respiratory protection apparatus: Combination filtering device (EN 14387) A-P2

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	cloudy
Odour:	like: Gasoline
pH-Value:	not applicable

Changes in the physical state

Melting point:	not applicable
Initial boiling point and boiling range:	< -20 °C
Flash point:	< -20 °C
Sustaining combustion:	No data available

Flammability

Solid:	not applicable
Gas:	not applicable

Explosive properties

In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits:	0,6 vol. %
Upper explosion limits:	15 vol. %
Ignition temperature:	> 200 °C

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined

Oxidizing properties

Not oxidising.

Vapour pressure:	not determined
Density (at 20 °C):	0,603 g/cm³
Water solubility: (at 20 °C)	practically insoluble

Solubility in other solvents

not determined

Partition coefficient:	not determined
Viscosity / kinematic:	not applicable
Vapour density:	not determined
Evaporation rate:	not determined

9.2. Other information

Solid content:	not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons C7-C9, n-Alkanes, Isoalkanes, Cyclics				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >2800 mg/kg	Rabbit		
	inhalative (4 h) vapour	LC50 >23,3 mg/l	Rat		
	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane				
	oral	LD50 >5000 mg/kg	Rat	OECD 401	
	dermal	LD50 >2000 mg/kg	Rabbit	OECD 402	
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics				
	oral	LD50 >5840 mg/kg	Rat		
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de
	inhalative (4 h) vapour	LC50 16 mg/l	Rat	Toxicology and Applied Pharmacology 32:	OECD Guideline 403
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rat		
	inhalative (4 h) vapour	LC50 > 25,2 mg/l	Rat	Study report (1988)	Group of rats were exposed to test subst
	Hydrocarbons, C6, isoalkanes, <5% n-hexane				
	oral	LD50 > 5000 mg/kg	Rat	OECD 401	
	dermal	LD50 > 3000 mg/kg	Rat	OECD 402	
	inhalative (4 h) vapour	LC50 > 20 mg/l	Rat	OECD 403	
110-54-3	n-hexane				
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1982)	
	inhalative (4 h) gas	LC50 > 31,86 ppm	Rat	IUCLID	

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 C7-C9, n-Alkanes, Isoalkanes, Cyclics)

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.

Additional information on tests

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

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
106-97-8	butane						
	Acute fish toxicity	LC50	49,9 mg/l	96 h	Fish, no other information	United States Enviro	The Ecosar class pro
	Acute algae toxicity	ErC50	19,37 mg/l	96 h	Algae	USEPA OPPT Risk Asse	Calculation using EC
74-98-6	propane						
	Acute fish toxicity	LC50	147,54 mg/l	96 h	Fish, no other information	United States Enviro	The Ecosar class pro
	Acute algae toxicity	ErC50	16,47 mg/l	96 h	Green algea	United States Environmental Protection A	Calculation using ECOSAR Program v1.00.
	Acute crustacea toxicity	EC50	46,6 mg/l	48 h	Daphnid no other information.	United States Environmental Protection A	Calculation using ECOSAR Program v1.00
	Hydrocarbons C7-C9, n-Alkanes, Isoalkanes, Cyclics						
	Acute fish toxicity	LC50	3 - 10 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203	
	Acute algae toxicity	ErC50	10 - 30 mg/l	72 h	Raphidocelis subcapitata	OECD Guideline 201	
	Acute crustacea toxicity	EC50	4,6 - 10 mg/l	48 h	Daphnia magna	OECD Guideline 202	
	Fish toxicity	NOEC	(0,57) mg/l	28 d	Oncorhynchus mykiss	ECHA	
	Algea toxicity	NOEC	(10) mg/l	3 d	Pseudokirchneriella subcapitata		
	Crustacea toxicity	NOEC	(1) mg/l	21 d	Daphnia magna	OECD Guideline 211	
	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane						
	Acute fish toxicity	LC50	12 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203	
	Acute algae toxicity	ErC50	7,276 mg/l	72 h	Selenastrum capricornutum	ECHA	
	Acute crustacea toxicity	EC50	3 mg/l	48 h	Daphnia magna	OECD Guideline 202	
	Fish toxicity	NOEC	2,187 mg/l	28 d	Oncorhynchus mykiss	ECHA	
	Crustacea toxicity	NOEC	3,818 mg/l	21 d	Daphnia magna	ECHA	
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics						
	Acute fish toxicity	LC50	> 13,4 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203	
	Acute algae toxicity	ErC50	12 mg/l	72 h	Pseudokirchneriella subcapitata	SIDS Initial Assessment Report For SIAM	OECD Guideline 201
	Acute crustacea toxicity	EC50	3 mg/l	48 h	Daphnia magna	OECD Guideline 202	
	Fish toxicity	NOEC	1,534 mg/l	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
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane						
	Acute fish toxicity	LC50	11,4 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203	
	Acute algae toxicity	ErC50 mg/l	(10 - 30)	72 h	Raphidocelis subcapitata	OECD Guideline 201	
	Acute crustacea toxicity	EC50	3 mg/l	48 h	Daphnia magna	OECD Guideline 202	
	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
	Hydrocarbons, C6, isoalkanes, <5% n-hexane						
	Acute fish toxicity	LC50 mg/l	18,27	96 h	Oncorhynchus mykiss	ECHA	
	Acute algae toxicity	ErC50 mg/l	13,56	72 h	Pseudokirchneriella subcapitata	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Acute crustacea toxicity	EC50 mg/l	31,9	48 h	Daphnia magna	ECHA	
	Fish toxicity	NOEC mg/l	4,089	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC mg/l	4,888	21 d	Daphnia magna	CONCAWE, Brussels, B	The aquatic toxicity
110-54-3	n-hexane						
	Acute fish toxicity	LC50 mg/l	12,51	96 h	Oncorhynchus mykiss	ECHA	
	Acute algae toxicity	ErC50 mg/l	9,285	72 h	Pseudokirchneriella subcapitata	CONCAWE, Brussels, B	The aquatic toxicity
	Acute crustacea toxicity	EC50 mg/l	21,85	48 h	Daphnia magna	CONCAWE, Brussels, B	The aquatic toxicity
	Fish toxicity	NOEC mg/l	(2,8)	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, B	The aquatic toxicity
	Crustacea toxicity	NOEC mg/l	(4,888)	21 d	Daphnia magna	ECHA	
110-82-7	cyclohexane						
	Acute fish toxicity	LC50 mg/l	4,53	96 h	Pimephales promelas	OECD Guideline 203	
	Acute algae toxicity	ErC50	3,4 mg/l	72 h	Selenastrum capricornutum	OECD Guideline 201	
	Acute crustacea toxicity	EC50	0,9 mg/l	48 h	Daphnia magna	OECD Guideline 202	

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	Hydrocarbons C7-C9, n-Alkanes, Isoalkanes, Cyclics			
	Biodegradation	98%	28	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D
	Readily biodegradable (according to OECD criteria).			
	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane			
	Biodegradation	98%	28	
	Readily biodegradable (according to OECD criteria).			
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			
	Biodegradation	98%	28	
	Readily biodegradable (according to OECD criteria).			
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
	Biodegradation	81%	28	
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-97-8	butane	1,81
74-98-6	propane	1,81
	Hydrocarbons, C6, isoalkanes, <5% n-hexane	3,6
110-54-3	n-hexane	3,6

BCF

CAS No	Chemical name	BCF	Species	Source
	Hydrocarbons, C6, isoalkanes, <5% n-hexane	501,187	Pimephales promelas	QSAR in Environmenta
110-54-3	n-hexane	501,187	Pimephales promelas	QSAR in Environmenta
110-82-7	cyclohexane	242		ECHA

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Waste disposal number of waste from 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

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN 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:	E0
Transport category:	2
Tunnel restriction code:	D

Inland waterways transport (ADN)

14.1. UN 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:	E0

Marine transport (IMDG)

14.1. UN number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS
14.3. Transport hazard class(es):	2.1
14.4. 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: UN 1950

14.2. UN proper shipping name: AEROSOLS, flammable

14.3. Transport hazard class(es): 2.1

14.4. 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:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

Danger releasing substance: HYDROCARBONS, LIQUID, N.O.S.

14.6. Special precautions for user

Warning: Flammable gases.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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 57: cyclohexane

2010/75/EU (VOC):	98,774 % (595,608 g/l)
2004/42/EC (VOC):	99,103 % (597,588 g/l)
Subcategory according to Directive 2004/42/EC:	Special finishes - All types, VOC limit value: 840 g/l
Information according to 2012/18/EU (SEVESO III):	P3a FLAMMABLE AEROSOLS
Additional information:	E2

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC , 2008/47/EC
Aerosol directive (75/324/EEC).

National regulatory information

Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
Water contaminating class (D):	2 - clearly water contaminating

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): 1,2,4,5,6,7,8,9,10,14,15,16.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

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

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Asp. Tox. 1; H304	Calculation method
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.
H222	Extremely flammable aerosol.
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.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singulary 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.)