SECTION 1: SUBSTANCE/MIXTURE IDENTIFICATION AND MANUFACTURER/SUPPLIER IDENTIFICATION

1.1. Product identification
FADE OUT THINNER SPRAY
UFI: M630-P0GJ-D00N-9U9W

1.2. Relevant identified uses of the substance or mixture and uses advised against
A special thinner for reducing colour difference during car refinishing. For professional use in car refinish.

1.3. Data of the safety data sheet supplier

Przedsiębiorstwo RANAL Sp. z o.o.
Ul. Łódzka 3
42-240 Rudniki k. Częstochowy, PL

Tel.: +48 34 329 45 03
Fax: +48 34 320 12 16
Registration number 000029202

Person responsible for the safety data sheet: ranal@ranal.pl

1.4. Emergency telephone
+48 34 329 45 03 (8.00 - 15.00)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
The mixture was classified as hazardous according to the regulations in force – see section 15 of the Safety Data Sheet.

GHS02 flame

Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.

GHS08 health hazard

STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.

GHS07

Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes eye irritation.
STOT SE 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.

2.2. Label elements

Classification according to the regulation (EC) no 1272/2008:
The product has been classified and labelled according to CLP regulation.

Pictograms:

GHS02 GHS07 GHS08
Signal word: **Danger**.

Components indicating hazard for labelling:
Reaction mass of ethylbenzene and xylene. Butyl acetate. Ethylbenzene.
2-methoxy-1-methylethyl acetate*.

Hazard statements:

H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
H315	Causes skin irritation.
H319	Causes eye irritation.
H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.

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	Pressurized container – Do not pierce or burn, even after use.
P260	Do not breathe mist/vapours/spray.

P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves /eye protection.
P302+P352	IF ON SKIN: Wash skin with plenty of water and soap.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P403	Store in a well-ventilated place.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501	Dispose of contents/container in accordance with local / regional / national / international regulations.

2.3. Other hazards

Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: COMPOSITION /INFORMATION ON INGREDIENTS

3.1. Substances
Not applicable.

3.2. Mixtures

Substance name
Concentration [% weight]
Identification numbers
Classification and labelling

Butyl acetate
10 - < 25%
EC: 204-658-1
CAS: 123-86-4
Index no: 607-025-00-1
Registration no: 01-2119485493-29-XXXX
Flam. Liq. 3, H226; STOT SE 3, H336.

Butane (1,3 Butadiene <0,1%)
10 - < 25%
EC: 203-448-7
CAS: 106-97-8
Index no: -
Registration no: 01-2119474691-32,
Flam. Gas 1, H220; Press. Gas (Comp.), H280.

Product of reaction mass of ethylbenzene and xylene
10 - < 25%
EC: 905-588-0
Index no: -
Registration no: 01-2119488216-32, 01-2119486136-34
Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335.

2-methoxy-1-methylethyl acetate
10 - < 25%
EC: 203-603-9
CAS: 108-65-6
Index no: -
Registration no: 01-2119475791-29,
Flam. Liq. 3, H226.

Propane
10 - < 25%
EC: 200-827-9
CAS: 74-98-6
Index no: -
Registration no: 01-2119486944-21,
Flam. Gas 1, H220; Press. Gas (Comp.), H280.

Isobutane
2.5 - < 10%
EC: 200-857-2
CAS: 75-28-5
Index no: -
Registration no: 01-2119485395-27,
Flam. Gas 1, H220; Press. Gas (Comp.), H280.

Full text of hazard statements provided in section 16 of the Sheet.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information: Symptoms of poisoning may not occur until several hours later, therefore medical supervision is necessary for at least 48 hours after the accident.

Airways: Provide fresh air, possibly artificial respiration, warmth. If symptoms persist, consult a doctor. In case of loss of consciousness place and transport in stable recovery position.

Skin: In general the product does not irritate skin.

Eyes: Rinse opened eye for several minutes under running water.

Alimentary tract: Do not induce vomiting and call a doctor.

4.2. Most important symptoms both acute and delayed
No further relevant data available.

4.3. Indications of any immediate medical attention and special treatment needed
No further relevant data available.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
Suitable extinguishing agents: Water mist, extinguishing powder, carbon dioxide, foam resistant to alcohol.
Extinguishing media unsuitable due to safety considerations: Full jet of water.

5.2. Special hazards arising from the substance or mixture
No further relevant data available.

5.3. Advice for fire fighters
Special protective equipment: Wear respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency measures
Wear protective clothing. Move unprotected persons to a safe place.

6.2. Environmental precautions
Prevent from reaching sewage system or water courses. In the event of leakage into water course or sewage system inform competent authorities. Do not allow entering sewage system /surface water /ground water.

6.3. Methods and materials for containment and cleaning up
Dispose of contaminated material as waste according to section 13. Ensure adequate ventilation. Do not wash with water or water based cleaning agents.

6.4. Reference to other sections
Information on safe handling see Section 7 of the Sheet. Information on personal protective measures see section 8 of the Sheet. Information on disposal see Section 13 of the Sheet.

SECTION 7: HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

7.1. Precautions for safe handling
Ensure good ventilation / exhaustion at the workplace.

Information about fire and explosion protection:
Do not spray towards flames or over glowing material. Keep ignition sources away – do not smoke. Take precautionary measures against static discharges.

Warning: Pressurized container. Protect from sunlight and temperatures above 50°C. Do not open violently and do not burn even after use.

7.2. Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Keep cool. Observe regulations concerning the storage of pressurized gas tanks.

Information about common storage: Observe regulations concerning the storage of pressurized gas tanks.

Further information about storage conditions: Store in well-sealed barrels in a cool and dry place. Protect against heat and direct sunlight.

7.3. Special end use(s)
No further relevant data available.*

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION MEASURES

Additional information about design of technical facilities:
No further data, see section 7.

8.1. Control parameters

CAS NUMBER	SUBSTANCE	MPC (mg/m³)	MPIC (mg/m³)
123-86-4	Butyl acetate	240	720
106-97-8	Butane (1.3 Butadiene <0,1%)	1900 3000	
108-65-6	2-methoxy-1-propyl acetate	260	520 Skin
74-98-6	Propane	1800	---
75-28-5	Isobutane*	TLV NDS 1900 mg/m3, 800 ppm See Section 3 for additional information.	

DNEL values:

123-86-4 Butyl acetate*

Oral	DNEL Acute-systemic	2 mg/kg bw/day	(Consumer)
	DNEL Long term-systemic	2 mg/kg bw/day	(Consumer)
Dermal	DNEL Acute systemic	6 mg/kg bw/day	(Consumer)
		11 mg/kg bw/day	(Worker)
	DNEL Long term-systemic	3.4 mg/kg bw/day	(Consumer)
		7 mg/kg bw/day	(Worker)
Inhalation	DNEL Acute-systemic	300 mg/m³	(Consumer)
		600 mg/m³	(Worker)
	DNEL Acute-local	300 mg/m³	(Consumer)
		600 mg/m³	(Worker)
	DNEL Long term-systemic	12 mg/m³	(Consumer)
		48 mg/m³	(Worker)
	DNEL Long-term - local*	35.7 mg/m³	(Consumer)
		300 mg/m³	(Worker)

Product of reaction mass of ethylbenzene and xylene

Oral	DNEL Long term-systemic	1.6 mg/kg bw/day	(Consumer)
Skin	DNEL Long term-systemic	108 mg/kg bw/day	(Consumer)
		180 mg/kg bw/day	(Worker)
Inhalation	DNEL Acute-systemic*	174 mg/m³	(Consumer)
		289 mg/m³	(Worker)
	DNEL Acute-local	289 mg/m³	(worker)
	DNEL Long term-systemic	14.8 mg/m³	(Consumer)
		77 mg/m³	(Worker)
	DNEL Long-term - local*	174 mg/m³	(Consumer)
		221 mg/m³	(Worker)

108-65-6 2-methoxy-1-methylethyl acetate

Oral	DNEL Long term-systemic	36 mg/kg bw/day *	(Consumer)
Skin	DNEL Long term-systemic	320 mg/kg bw/day *	(Consumer)
		796 mg/kg bw/day*	(Worker)
inhalation	DNEL Acute-local*	550 mg/m³ bw/day*	(worker)
	DNEL Long term-systemic	33 mg/m³	(Consumer)
		275 mg/m³	(Worker)
	DNEL Long-term - local*	33 mg/m³	(Consumer)

PNEC values:

123-86-4 Butyl acetate*

PNEC Fresh water	0.18 mg/l	(Undefined)
PNEC Sea water	0.015 mg/l	(Undefined)
PNEC Fresh water sediment	0.981 mg/l (dry weight)	(Undefined)
PNEC Intermittent release	0.36	(Undefined)
PNEC Soil	0.0903 mg/kg	(Undefined)
PNEC Sewage treatment plant	35.6 mg/l	(Undefined)
PNEC Sea water sediment	0.0981 mg/l (dry weight)	(Undefined)

Product of reaction mass of ethylbenzene and xylene

PNEC Fresh water	0.327 mg/l	(Undefined)
PNEC Sea water	0.327 mg/l	(Undefined)
PNEC Fresh water sediment	12.46 mg/l (dry mass)	(Undefined)
PNEC Soil	2.31	(Undefined)
PNEC Sewage treatment plant	6.58 mg/l	(Undefined)
PNEC Sea water sediment	12.46 mg/l (dry mass)	(Undefined)

108-65-6 2-methoxy-1-methylethyl acetate

PNEC Fresh water	0.635 mg/l	(Undefined)
PNEC Sea water	0.0635 mg/l	(Undefined)
PNEC Fresh water sediment	3.29 mg/l (dry mass)	(Undefined)
PNEC Intermittent release	6.35	(Undefined)

PNEC Soil	0.29	(Undefined)
PNEC Sewage treatment plant	100 mg/l	(Undefined)
PNEC Sea water sediment	0.329 mg/l (dry mass)	(Undefined)

Additional information:
The currently valid lists were used as basis.

8.2. Exposure control

General measures of protection and hygiene:
Keep away from foodstuffs, beverages and feed. Wash hands before each break and at the end of work. Do not breathe gases / vapours / spray. Avoid contact with eyes and skin. General ventilation*.

Respiratory protection:
In case of insufficient ventilation use respiratory protection: Filter A2/P2*.

Hands protection:
Use protective gloves to work with chemicals according to standard EN 374.


Protective gloves.
Gloves resistant to solvents.
Selection of the glove material on consideration of the breakthrough times, rates of diffusion and degradation.

Penetration time of the glove material:
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture consisting of several substances the resistance of the materials from which the gloves are made cannot be calculated in advance and should therefore be checked before use.
Nitrile rubber.
Recommended thickness of the material: ≥0,5 mm

Penetration time of the glove material::
For continuous contact, it is recommended to use gloves with a tensile strength of not less than 240 minutes, with a penetration time of more than 480 minutes as priority. We recommend the same for short-term works. We understand that gloves that offer this level of protection may not be in stock. In this case, a smaller time lapse is acceptable in terms of maintenance procedures, as long as timely replacements are respected. The thickness of the glove is not a good measure of the glove's chemical resistance as it depends on the exact composition of the glove material.
Information about the penetration time of the substance should be obtained from the glove manufacturer and has to be observed.

Eyes protection:
Protective glasses (EN-166).


Tightly sealed protective glasses.

Body protection:
Use protective clothing (EN-13034/6).
It is recommended to use antistatic, chemical and oil-resistant clothing as well as safety shoes (EN1149; EN340&EN ISO 13688; 13034-6).*

Environmental control*:
Use an appropriate container to prevent environmental contamination.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties*

General information:	
Appearance:	
Form:	aerosol
Colour:	clear
Odour:	characteristic
Odour threshold	not specified
Change of state:	
Melting/freezing point	not specified
Initial boiling point and boiling range	
Boiling temperature:	-44.5°C
Flammability of materials:	not applicable
Explosion limits:	Bottom: 1,1 Vol %, top: 10,9 Vol %
Flash point:	-97°C
Auto ignition point:	315°C *
pH-value:	The mixture is non-polar / aprotic *

Viscosity:	
Dynamic:	not specified
Kinetic:	≤ 20.5 mm^2/s, 40°C (L)*
Solubility in/miscibility with water	Not miscible or difficult to mix.
n-octanol/water partition coefficient (log Kow*)	not specified
Vapour pressure at 20 ° C:	3500 hPa
Vapour pressure at 50 ° C*:	<8000 hPa
Density at 20°C:	~ 0.717 g/cm^3*
Relative density:	not specified
Vapour density:	not specified

9.2 Other information

Form:	Aerosol
Important information on health and environment protection and safety*:	
Ignition temperature:	The product is not self-igniting.
Explosive properties:	The product is not explosive, but may form explosive mixtures with the air
Organic solvents:	100.0%.
Solids content:	0.0%.
Evaporation rate:	Not applicable.
Information with regard to physical hazard classes*:	
Explosives:	none
Flammable gases:	none
Aerosols:	Extremely flammable aerosol. Pressurized container: May burst if heated.
Oxidizing gases:	none
Gases under pressure:	none
Flammable liquids:	none
Flammable solids:	none
Self-reactive substances and mixtures:	none
Pyrophoric liquids:	none
Pyrophoric solids:	none
Self-heating substances and mixtures:	none
Substances and mixtures which emit flammable gases in contact with water:	none
Oxidizing liquids:	none
Oxidizing solids:	none
Organic peroxides:	none
Substances corrosive to metals:	none
Desensitised explosives:	none

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No further relevant data available.

10.2. Chemical stability
Thermal decomposition / conditions to be avoided: No decomposition if used as intended.

10.3. Possibility of hazardous reactions
Hazardous reactions unknown.

10.4. Conditions to be avoided
No further relevant data available.

10.5. Incompatible materials
No further relevant data available.

10.6. Hazardous decomposition products
Hazardous decomposition products unknown.

SECTION 11: TOXICOLOGICAL INFORMATION

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

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

Relevant classified LD/LC50 values:
123-86-4 Butyl acetate*

Oral	LD50	10760 mg/kg	rat
Dermal	LD50	>14112 mg/kg	rabbit

Product of reaction mass of ethylbenzene and xylene:			
Oral	LD50	3523 mg/kg*	rat
Dermal	LD50	12126 mg/kg *	rabbit
Inhalation	LC50(4h)	29000 mg/l	rat
108-65-6 2-methoxy-1-methylethyl acetate:			
Oral	LD50	6190 mg/kg*	rat
Dermal	LD50	> 2000 mg/kg	rat*
		> 5000 mg/kg*	rabbit
Inhalation	LC50(4h)	> 23.5 mg/m^3*	rat

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/eye irritation: Causes eye irritation.
Allergic effect on airways or skin: Based on available data, the classification criteria are not met.
Mutagenic effect on germ cells: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Harmful effect on reproduction: Based on available data, the classification criteria are not met.
Specific target organ toxicity – single exposure: May cause respiratory irritation. May cause drowsiness or dizziness.
Specific target organ toxicity – repeated exposure: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard: May be fatal if swallowed and enters airways.

11.2. Information on other hazards*

Endocrine disrupting properties:
556-67-2 octamethylcyclotetrasiloxane: Inventory II; III
541-02-6 Decamethylcyclopentasiloxaan: List II

SECTION 12: ECOLOGICAL INFORMATION

No experimental data available on the preparation. The assessment was based on the data concerning the hazardous components included in the product.

12.1. Toxicity

Aquatic toxicity*:			
123-86-4	Butyl acetate		
LC50	96 h	18 ml/l	fish
EC50	48 h	44 mg/l	Daphnia magna

Product of reaction mass of ethylbenzene and xylene			
NOEC		1.3 mg/l	Fish
NOEC	7 days	0.96 mg/l	Daphnia magna
NOEC	72 h	0.44 mg/l	algae
NOEC	28 days	16 mg/l	bacteria
LC50	96 h	8.9-16.4 mg/l	Pimephales promelas
EC50	48 h	3.2- 9.5 mg/l	Daphnia magna

108-65-6	2-methoxy-1-methylethyl acetate*		
EC50	72 hours static	>1000 mg/l	Selenastrum capricornatum) (Freshwater Alga and Cyanobacteria, Growth Inh.test)
LC50	96 hours static	134 mg/l	Oncorhynchus mykiss (Fish, Acute Toxicity Test)

12.2. Persistence and degradability
Not easily biodegradable.*

12.3. Bioaccumulative potential
No further relevant data available.

12.4. Mobility in soil
No further relevant data available.

12.5. Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

12.6. Endocrine disrupting properties*
See section 11 for information on endocrine disrupting properties.

12.7. Other hazardous effects*

Further ecological information (general information):
Water hazard class: 2 (self-assessment): harmful to water.
Do not allow the product to reach ground water, surface water or sewage system.
Dangerous to drinking water if even small quantities leak into the ground.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recommendation:
Must not be disposed together with household garbage. Prevent from reaching sewage system.

European waste catalogue*:
HP3 Flammable
HP5 Specific Target Organ Toxicity (STOT) or aspiration hazard.

Contaminated packaging:
Recommendation: Dispose of according to applicable regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number*

ADR, ADN, IMDG, IATA	UN1950

14.2 UN proper shipping name

ADR, ADN	UN1950 AEROSOLS
IMDG	AEROSOLS
IATA	AEROSOLS, flammable

14.3 Transport hazard class (-es)

ADR

Class	2 5F gases
Label	2.1

ADN

Class ADN/R:	2 5F

IMDG, IATA

Class 2.1
Label 2.1

14.4. Packaging group

ADR, IMDG, IATA	none

14.5. Environmental hazards:

Marine pollutants:	No.

14.6. Special precautions for users

	Warning: gases
Kemler's code:	-
EMS Number:	F-D,S-U
Stowage Code:	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code:	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

14.7. Sea transport in bulk in accordance with IMO instruments*

Not applicable.

Transport/ further information:

ADR

Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Tunnel restriction code	D

IMDG

Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
UN "Model Regulation"	UN 1950 AEROSOLS, 2.1

SECTION 15: REGULATORY INFORMATION

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

Directive 2012/18/EU:
Indicated dangerous components- ANNEX I None of the components are listed.
Seveso category: P3a FLAMMABLE AEROSOLS
Qualifying quantity (tonnes) for the application of lower-tier requirements: 150t
Qualifying quantity (tonnes) for the application of upper-tier requirements: 500t
Regulation (EC) no 1907/2006 ANNEX XVII Restriction conditions: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II*: none of the components are listed.

REGULATION (EU) 2019/1148*:
Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit for the purpose of licensing according to Article 5 item 3): None of the components are listed.
Annex II - REPORTABLE EXPLOSIVES PRECURSORS: None of the components are listed.
Regulation (EC) No 273/2004 on drug precursors: 108-88-3 Toluene: 3.
Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors: 108-88-3 Toluene: 3.

National regulations:
Class: NK
Share in %: 75-<100

VOC-CH 99,94 %
VOC-EU ~ 716,8 g/l
Danish MAL Code 3-3*

15.2. Chemical safety assessment
Chemical safety assessment has not been performed.

SECTION 16: OTHER INFORMATION
This information is based on our present knowledge; however it does not definitively define the production characteristics and cannot be used as a justification for valid contracts.

Relative phrases:

H220	Extremely flammable gas.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure: may explode if heated.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory 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.

Explanation of 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 Harmonised 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 (division of the American Chemical Society).
MAL-Code:	Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labelling concerning inhalation hazards, Denmark.
DNEL:	Derived No-Effect Level (REACH).
PNEC:	Derived No-Effect Concentration (REACH).
LC50:	Lethal concentration, 50 percent.
LD50:	Lethal dose, 50 percent.
PBT:	Persistent, Bioaccumulative and Toxic.
vPvB:	Very Persistent and very Bioaccumulative.
Flam. Gas 1:	Flammable Gases - Category 1.
Aerosol 1:	Aerosols – Category 1.
Press. Gas (Comp.):	Gases under pressure - Compressed gas.

Flam. Liq. 3:	Flammable liquids – Category 3.
Acute Tox. 4:	Acute toxicity – Category 4.
Skin Irrit. 2:	Skin corrosion/irritation – Category 2.
Eye Irrit. 2:	Serious eye damage/eye irritation – Category 2.
STOT SE 3:	Specific target organ toxicity (single exposure) – Category 3.
STOT RE 2:	Specific target organ toxicity (repeated exposure) – Category 2.
Asp. Tox. 1:	Aspiration hazard – Category 1.

Classification according to the Regulation (EC) no 1272/2008*: physical and chemical properties: The classification is based on the results of the mixtures tested. Health hazards, Environmental hazards: The method of classification of mixtures based on the constituents of the mixture (sum formula).

Changes in the Sheet compared to the previous version:
Update of sections:
9: rewording of sub-section 9.1: Information on basic physical and chemical properties
11: rewording of sub-section 11.1: Information on the hazard classes defined in Regulation (EC) No 1272/ 2008: added subsection 11.2. Information on other hazards
12: new subsection 12.6: Endocrine disrupting properties.
14: rewording of sub-section 14.1: UN number or ID number; rewording of sub-section 14.7: Sea transport in bulk in accordance with IMO instruments.

Changes in the content of sections:
2.2, 7.3, 9.1, 9.2, 11.1, 11.2, 12.1, 12.2, 12.6, 12.7, 13.1, 14.1, 14.7, 15.1, 16.
General update.

Sheet number: 07-1N6L-0123-V6