



Anti-corrosion wax joke X 73030

Print date 28.04.2023
Revision date 28.04.2023
Version 3.0 (en)
replaces version of 05.06.2020 (2.9)

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

*** 1.1 Product identifier**

Trade name/designation Anti-corrosion wax joke X 73030
Unique Formula Identifier UFI: YEE0-40GH-Q00U-1W2K

Hazard components

Kohlenwasserstoffe, C6-C7

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

Sector of uses [SU]

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU3 Industrial uses

Use of the substance/mixture

Technical aerosols

*** 1.3 Details of the supplier of the safety data sheet**

Supplier

joke Technology GmbH
Asselborner Weg 14-16
D-51249 Bergisch Gladbach
Telephone +49 (0) 22 04 / 8 39-0
Telefax +49 (0) 22 04 / 8 39-60
E-mail info@joke.de
Website <https://www.joke-technology.com/>

Department responsible for information:

Telephone +49 (0) 22 04 / 8 39-0
Telefax +49 (0) 22 04 / 8 39-60

E-mail (competent person):
sida@joke.de

1.4 Emergency telephone number

Vergiftungs-I-Z. Freiburg +49 (0) 761 / 1 92 40
REACH and CLP UK CA Help Desk +44 171 635 9191

*** SECTION 2: Hazards identification**

*** 2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP]	Classification procedure
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Aerosol 1, H222 H229

Skin Irrit. 2, H315

STOT SE 3, H336

Aquatic Chronic 2, H411

Hazard statements for physical hazards

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

Hazard statements for health hazards

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

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Hazard statements for environmental hazards

H411 Toxic to aquatic life with long lasting effects.

* **2.2 Label elements**

* **Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard components

Kohlenwasserstoffe, C6-C7

Hazard pictograms



GHS02



GHS07



GHS09

Signal word

Danger

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**

P280 Wear protective gloves/protective clothing and eye/face protection.
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.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P251 Do not pierce or burn, even after use.
P391 Collect spillage.
P304 IF INHALED:
P312 Call a POISON CENTER/doctor/if you feel unwell.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P405 Store locked up.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents and containers in accordance with local, regional, national and international regulations.

* **Remark**

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

* **Additional information**

Full text of R-, H- and EUH-phrases: see section 16.

* **2.3 Other hazards**

* **Adverse human health effects and symptoms**

Aspiration hazard

* **Adverse environmental effects**

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

Results of PBT and vPvB assessment

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

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*** SECTION 3: Composition / information on ingredients****3.1 Substances**

not applicable

*** 3.2 Mixtures***** Hazardous ingredients**

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
92128-66-0	295-763-1	Kohlenwasserstoffe, C6-C7	≥ 25 ≤ 50 weight-%	Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	
106-97-8	203-448-7	Butan	≥ 10 ≤ 25 weight-%	Flam. Gas 1; H220 Press. Gas (Comp.); H280	
74-98-6	200-827-9	propane	≥ 10 ≤ 25 weight-%	Flam. Gas 1; H220 Press. Gas (Comp.); H280	
64742-48-9	919-857-5	Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cycloalkane, <2% Aromaten	≥ 10 ≤ 18 weight-%	Flam. Liq. 3; H226 STOT SE 3; H336 Asp. Tox. 1; H304; EUH066	
75-28-5	200-857-2	isobutane	≤ 10 weight-%	Flam. Gas 1; H220 Press. Gas (Comp.); H280	
	926-141-6	Kohlenwasserstoffe, C11-C14, n-Alkan, iso-Alkane, Cyclene, < 2 % Aromaten	≤ 3 weight-%	Asp. Tox. 1; H304	
64742-95-6	265-199-0	Solvent naphtha (petroleum), light arom.	≤ 1.8 weight-%	Asp. Tox. 1; H304 Flam. Liq. 3; H226 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411; EUH066	

REACH No.	Substance name
01-2119474691-32	Butan
01-2119486944-21	propane
01-2119463258-33	Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cycloalkane, <2% Aromaten
01-2119485395-27	isobutane
01-2119456620-43-0000	Kohlenwasserstoffe, C11-C14, n-Alkan, iso-Alkane, Cyclene, < 2 % Aromaten

*** SECTION 4: First aid measures**



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* **4.1 Description of first aid measures**

* **General information**

Remove contaminated, saturated clothing immediately.
Wash before wearing again.

If unconscious but breathing normally, place in recovery position and seek medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.
Keep airways open. Loosen tight-fitting clothing (e.g. collar, tie, belt or waistband).

* **Following inhalation**

Remove casualty to fresh air and keep warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.
In case of unconsciousness and breathing, place the patient in the recovery position and seek medical advice.
In the event of symptoms refer for medical treatment.

* **Following skin contact**

Wash immediately with:
Water
In case of skin reactions, consult a physician.

* **After eye contact**

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

* **Following ingestion**

Do NOT induce vomiting.
Rinse mouth thoroughly with water.
Let water be drunk in little sips (dilution effect).
Turn a vomiting person lying on his back onto his side.
Medical treatment necessary.

* **Self-protection of the first aider**

No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.
First aider: Pay attention to self-protection!

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

* **Symptoms**

This information is not available.
Respiratory complaints
Unconsciousness
Vomiting
Cough
Headache
Dizziness
Nausea
Irritating

* **4.3 Indication of any immediate medical attention and special treatment needed**

* **Notes for the doctor**

This information is not available.
Treat symptomatically.
In case of ingestion or inhalation of large quantities, contact specialist or Poison Control Center immediately.



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* **SECTION 5: Firefighting measures**

* **5.1 Extinguishing media**

* **Suitable extinguishing media**

Use an extinguishing agent that is also suitable for adjacent fires.

* **5.2 Special hazards arising from the substance or mixture**

* **Hazardous combustion products**

In case of fire formation of dangerous gases possible.
Flammable liquid. Vapours may form explosive mixtures with air. The vapours of the product are heavier than air and may spread on the ground; re-ignition possible at distant ignition sources. Strong soot formation during combustion
In case of fire may be liberated:
Carbon monoxide
Carbon dioxide (CO₂)

* **5.3 Advice for firefighters**

* **Special protective equipment for firefighters**

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

* **Additional information**

Move undamaged containers from immediate hazard area if it can be done safely.
Use water spray jet to protect personnel and to cool endangered containers.
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**

* **For non-emergency personnel**

Provide adequate ventilation.
Remove persons to safety.
Use personal protection equipment.
Use appropriate respiratory protection.
Avoid contact with skin and eyes.
Remove all sources of ignition.

* **For emergency responders**

Personal protection equipment
Use appropriate respiratory protection.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.
In case of pollution of waters or sewers, inform the competent authorities.

* **6.3 Methods and material for containment and cleaning up**

For containment

Take up with absorbent material.
After taking up the material dispose according to regulation.

Other information

Sorting out leaking cans and disposing of them correctly.



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6.4 Reference to other sections

Safe handling: see section 7
Disposal: see section 13
Personal protection equipment: see section 8
Emergency telephone number: see section 1

*** SECTION 7: Handling and storage**

*** 7.1 Precautions for safe handling**

*** Protective measures**

Container is under pressure.
Avoid effect of heat.
Do not force open or burn after use.
Avoid:
Eye contact
Skin contact
Do not inhale gases/vapours/aerosols.
If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.
Do not spray against flames or glowing bodies.
Keep away from sources of ignition - No smoking.
Use only antistatically equipped (spark-free) tools.
Empty containers contain product residues and can be hazardous.

*** Advices on general occupational hygiene**

When using do not eat, drink, smoke, sniff.
Wash hands and face before breaks and after work and take a shower if necessary.
Wash contaminated clothing prior to re-use.
In the immediate working surroundings there must be:
Emergency shower installed
Provide eye shower and label its location conspicuously

*** 7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage rooms and vessels

Keep/Store only in original container.
Keep container tightly closed.

Storage class

2B Aerosol dispensers and lighters

Materials to avoid

Do not store together with:
Food and feedingstuffs

*** Further information on storage conditions**

Keep locked up.
Protect from heat and direct solar radiation.
Storage: cool and dry
Keep in a cool, well-ventilated place.

7.3 Specific end use(s)

Recommendation

See section 1.2

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* **SECTION 8: Exposure controls/personal protection*** **8.1 Control parameters*** **Occupational exposure limit values**

CAS No.	EC No.	Substance name	occupational exposure limit value
75-28-5	200-857-2	iso-Butane	Short-term(ml/m ³) 1000 (1) (1) 15 minutes average value (IE)

* **DNEL worker**

CAS No.	Substance name	DNEL value	DNEL type	Remark
64742-82-1	Kohlenwasserstoffe, C11-C14, n-Alkan, iso-Alkane, Cyclene, < 2 % Aromaten	6.8 mg/kg	acute dermal, short-term (systemic)	
64742-48-9	Kohlenwasserstoffe, C9-C11, n-208 mg/kg Alkane, Isoalkane, Cycloalkane, <2% Aromaten		long-term dermal (systemic)	
64742-48-9	Kohlenwasserstoffe, C9-C11, n-871 mg/m ³ Alkane, Isoalkane, Cycloalkane, <2% Aromaten		long-term inhalative (systemic)	
92128-66-0	Kohlenwasserstoffe, C6-C7	21 mg/kg	long-term dermal (systemic)	
92128-66-0	Kohlenwasserstoffe, C6-C7	145 mg/m ³	long-term inhalative (systemic)	
64742-95-6	Solvent naphtha (petroleum), light arom.	1.9 mg/m ³	long-term inhalative (systemic)	
64742-95-6	Solvent naphtha (petroleum), light arom.	837.5 mg/m ³	long-term inhalative (local)	
64742-95-6	Solvent naphtha (petroleum), light arom.	1066.67 mg/m ³	acute inhalative (local)	
64742-95-6	Solvent naphtha (petroleum), light arom.	1286.4 mg/m ³	acute inhalative (systemic)	

* **DNEL Consumer**

CAS No.	Substance name	DNEL value	DNEL type	Remark
64742-48-9	Kohlenwasserstoffe, C9-C11, n-125 mg/kg Alkane, Isoalkane, Cycloalkane, <2% Aromaten		Long-term – oral, systemic effects	
64742-48-9	Kohlenwasserstoffe, C9-C11, n-125 mg/kg Alkane, Isoalkane, Cycloalkane, <2% Aromaten		long-term dermal (systemic)	
64742-48-9	Kohlenwasserstoffe, C9-C11, n-185 mg/m ³ Alkane, Isoalkane, Cycloalkane, <2% Aromaten		long-term inhalative (systemic)	
92128-66-0	Kohlenwasserstoffe, C6-C7	8 mg/kg	Long-term – oral, systemic effects	
92128-66-0	Kohlenwasserstoffe, C6-C7	9 mg/kg	long-term dermal (systemic)	
92128-66-0	Kohlenwasserstoffe, C6-C7	27 mg/m ³	long-term inhalative (systemic)	
64742-95-6	Solvent naphtha (petroleum), light arom.	0.41 mg/m ³	long-term inhalative (systemic)	

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CAS No.	Substance name	DNEL value	DNEL type	Remark
64742-95-6	Solvent naphtha (petroleum), light arom.	178.57 mg/m ³	long-term inhalative (local)	
64742-95-6	Solvent naphtha (petroleum), light arom.	640 mg/m ³	acute inhalative (local)	
64742-95-6	Solvent naphtha (petroleum), light arom.	1152 mg/m ³	acute inhalative (systemic)	

* **PNEC**

CAS No.	Substance name	PNEC Value	PNEC type	Remark
64742-82-1	Kohlenwasserstoffe, C11-C14,n-Alkan, iso-Alkane, Cyclene, < 2 % Aromaten	0.0011 µg/L	aquatic, freshwater	
64742-82-1	Kohlenwasserstoffe, C11-C14,n-Alkan, iso-Alkane, Cyclene, < 2 % Aromaten	0.011 µg/L	aquatic, marine water	

* **8.2 Exposure controls*** **Appropriate engineering controls*** **Technical measures to prevent exposure**

ventilation system

Ventilation levels must be adapted to conditions. If necessary, use process chambers, local exhaust systems or other technical protective measures to control the concentrations in the air in order to keep them below the recommended exposure limits.

the recommended exposure limits. If no exposure limits have been set have been set, maintain airborne concentrations at an acceptable level. Use explosion-proof ventilation system.

* **Personal protection equipment****Eye/face protection**

tightly fitting goggles

* **Hand protection**

By short-term hand contact

NBR (Nitrile rubber)

By long-term hand contact

Butyl caoutchouc (butyl rubber)

Breakthrough times and swelling properties of the material must be taken into consideration.

* **Body protection:**

Protective clothing

footwear

Required properties:

antistatic

EN 1149

* **Respiratory protection**

Respiratory protection necessary at:
insufficient ventilation

Suitable respiratory protection apparatus:

Particle filter device (DIN EN 143)

Short term: filter apparatus, filter AX

* **Environmental exposure controls*** **Technical measures to prevent exposure**

Take appropriate protective measures to limit or prevent emissions.

Exhaust air scrubber



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Additional information

The national and local legal regulations are to be observed.

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

*** 9.1 Information on basic physical and chemical properties**

Physical state

Aerosol

*** Colour**

colourless

*** Odour**

like:
Benzene

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	not determined		
flammability	not determined		
Lower and upper explosion limit	Upper explosion limit 10.9 Vol-%		
Lower and upper explosion limit	Lower explosion limit 0.6 Vol-%		
Flash point	not determined		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	not determined		
Solubility(ies)	Water solubility		Immiscible
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	830 kPa		
Density and/or relative density	0.667 g/cm ³		
Relative vapour density	not determined		
particle characteristics	not determined		

*** 9.2 Other information**

*** Information with regard to physical hazard classes**

*** Aerosols**

Safety characteristics

	Value	Method, Result	Source, Remark
			The product is a spray aerosol.



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- * **Other information**
 Focal point: >200°C
 Heat of combustion: 18,82 kJ/g

* **SECTION 10: Stability and reactivity**

10.1 Reactivity

This information is not available.

* **10.2 Chemical stability**

This information is not available.
 The mixture is chemically stable under recommended conditions of storage, use and temperature.

* **10.3 Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

* **10.4 Conditions to avoid**

Evolution of heat.

10.5 Incompatible materials

This information is not available.

10.6 Hazardous decomposition products

None, when used as intended.

* **SECTION 11: Toxicological information**

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

* **Acute toxicity**

* **Animal data**

	Effective dose	Method,Evaluation	Source, Remark
Acute oral toxicity	not determined		
Acute dermal toxicity	not determined		
Acute inhalation toxicity	not determined		

* **Assessment/classification**

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

* **Skin corrosion/irritation**

* **Assessment/classification**

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

* **Serious eye damage/irritation**

* **Assessment/classification**

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

* **Sensitisation to the respiratory tract**

* **Assessment/classification**

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



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* **Skin sensitisation**

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

* **Germ cell mutagenicity**

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

* **Carcinogenicity**

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

* **Reproductive toxicity**

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

* **STOT-single exposure**

* **STOT SE 1 and 2**

* **Other information**
May cause drowsiness or dizziness.
May cause respiratory irritation.

* **STOT SE 3**

* **Irritation to respiratory tract**
* **Assessment/classification**
Based on available data, the classification criteria are not met.

* **STOT-repeated exposure**

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

* **Aspiration hazard**

* **Assessment/classification**
ASPIRATION HAZARD - Category 1

* **Symptoms related to the physical, chemical and toxicological characteristics**

* **In case of ingestion**
This information is not available.

* **In case of skin contact**
This information is not available.

* **In case of inhalation**
Inhalation causes narcotic effects/intoxication.

11.2 Information on other hazards

* **Other information**
Irritates eyes and skin.
May cause respiratory irritation.
Inhalation causes headache/nausea.
Inhalation causes narcotic effect/intoxication.

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* **SECTION 12: Ecological information*** **12.1 Toxicity*** **Aquatic toxicity**

	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) fish toxicity	not determined		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	not determined		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	not determined		
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

* **Assessment/classification**

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

* **12.2 Persistence and degradability*** **Assessment/classification**

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

* **12.3 Bioaccumulative potential**

	Value	Method	Source, Remark
Bioconcentration factor (BCF)	Bioconcentration factor (BCF) 10- 2500		CAS No.64742-95-6 Solvent naphtha (petroleum), light arom. Potential: high

* **12.4 Mobility in soil*** **Assessment/classification**

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

12.5 Results of PBT and vPvB assessment

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

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects* **Additional ecotoxicological information*** **Additional information**

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.



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*** SECTION 13: Disposal considerations**

*** 13.1 Waste treatment methods**

*** Waste codes/waste designations according to EWC/AVV**

Waste code product	Waste name
160504 *	gases in pressure containers (including halons) containing hazardous substances

Waste code packaging	Waste name
150104	metallic packaging

Appropriate disposal / Product

Dispose of waste according to applicable legislation.

Appropriate disposal / Package

Dispose of according to official regulations.

*** Remark**

Empty containers and liners may contain product residues. Do not puncture or incinerate containers.

*** SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	UN 1950	UN 1950	UN 1950
14.2 UN proper shipping name	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3 Transport hazard class(es)	2.1	2.1	2.1
14.4 Packing group	-	-	-
14.5 Environmental hazards	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY HAZARDOUS

*** 14.6 Special precautions for user**

Transport in closed, upright and safe containers. Advice on safe handling: see sections 6 - 8

14.7 Maritime transport in bulk according to IMO instruments

not applicable

*** Land transport (ADR/RID)**

UN number or ID number	UN 1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	2.1
Hazard label(s)	2.1
Classification code	5F
Packing group	-
Environmental hazards	ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ)	1 L
Special provisions	190, 327, 344, 625
Tunnel restriction code	D



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* **Remark**
Labelling as an environmentally hazardous substance is not required if this substance is transported in quantities $\leq 5L$ or $\leq 5kgs$.

* **Sea transport (IMDG)**

UN number or ID number	UN 1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	2.1
Packing group	-
Environmental hazards	ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ)	1 L
Marine pollutant	No
EmS	F-D, S-U

* **Remark**
Labelling as an environmentally hazardous substance is not required if this substance is transported in quantities $\leq 5L$ or $\leq 5kgs$.

Air transport (ICAO-TI / IATA-DGR)

UN number or ID number	UN 1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
Packing group	-
Environmental hazards	ENVIRONMENTALLY HAZARDOUS

* **SECTION 15: Regulatory information**

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

* **Other regulations (EU)**

* **Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive] VOC**
VOC content, ready-to-use condition 87.26 %
VOC-value 582 g/L

15.2 Chemical Safety Assessment

* **National regulations**

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

* **SECTION 16: Other information**

* **Indication of changes**

* Data changed compared with the previous version



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* **Abbreviations and acronyms**

REACH: Registration, Evaluation and Authorization of Chemicals
SU: use category
CLP: Classification, Labelling and Packaging
Aerosol 1: Aerosols, Category 1
Skin Irrit. 2: Skin irritation, Category 2
STOT SE 3, H336: Specific target organ toxicity (single exposure), Category 3 (narcotic effects)
Aquatic Chronic 2: Long-term (chronic) aquatic hazard, Category 2
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
PBT: persistent and bioaccumulative and toxic
vPvB: very persistent, very bioaccumulative
CAS: Chemical Abstracts Service
SCL: Specific concentration limit
ATE: Acute Toxicity Estimate
Flam. Liq. 2: Flammable Liquids, Category 2
Asp. Tox. 1: Aspiration toxicity, Category 1
Flam. Gas 1A: Flammable gas, Category 1A
Press. Gas (Comp.): Compressed gas (CG)
Flam. Liq. 3: Flammable Liquids, Category 3
STOT SE 3, H335: Specific target organ toxicity (single exposure), Category 3
CO2: Carbon dioxide
TRGS: Technical Rules for Hazardous Substances
DNEL: derived no-effect level
PNEC: Predicted No Effect Concentration
BCF: Bioconcentration Factor
AVV: Waste Shipment Ordinance (DE)
UN: United Nations
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Dangerous goods regulations for transport by rail
IMDG: International Maritime Dangerous Goods
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
DGR: Dangerous Goods Regulations (IATA)
VOC: Volatile organic compounds
WGK: water hazard class

Key literature references and sources for data

European Chemicals Agency, <http://echa.europa.eu/>.

* **Additional information**

National and local regulations concerning chemicals shall be observed.
This safety data sheet complies with the requirements of Commission Regulation (EU) 2020/878 amending Regulation (EC) No 1907/2006.
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.

Relevant H- and EUH-phrases (Number and full text)

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Anti-corrosion wax joke X 73030

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* **Indication of changes**

* Data changed compared with the previous version