



**Quick cleaner joke NSF-H1**

Print date 22.02.2023  
Revision date 22.02.2023  
Version 3.4 (en)  
replaces version of 05.06.2020 (3.3)

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

**1.1 Product identifier**

**Trade name/designation** Quick cleaner joke NSF-H1  
**Unique Formula Identifier** UFI: SRVR-FRXT-QKC8-Q850

**Hazard components**

Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane, butanone, 2-methylbutane

**\* 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**  
cleaning supplies

**\* 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](mailto: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](mailto: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

Aerosol 1, H222 H229

Skin Irrit. 2, H315

Eye Irrit. 2, H319

STOT SE 3, H336

Aquatic Chronic 2, H411

**Hazard statements for physical hazards**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

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**Hazard statements for health hazards**

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

**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, C7, n-Alkane, Isoalkane, Cycloalkane, butanone, 2-methylbutane

**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.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

**\* Precautionary statements**

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.  
P273 Avoid release to the environment.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep 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.  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**\* 2.3 Other hazards**

**\* Adverse physicochemical effects**

No data available

**\* Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

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

**3.1 Substances**

not applicable

**\* 3.2 Mixtures**

**\* Description**

Mixture of the following substances and non-hazardous substances

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**Hazardous ingredients**

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
64-17-5	200-578-6	ethanol	26 < 44.71 weight-%	Flam. Liq. 2; H225 Eye Irrit. 2; H319	ATE(oral): 10470 mg/kg ATE(dermal): > 2000 mg/kg ATE(inhalation vapour): 51 mg/L
64742-49-0	927-510-4	Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane	26 ≤ 44.44 weight-%	Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	ATE(oral): > 5840 mg/kg ATE(dermal): > 2920 mg/kg ATE(inhalation vapour): > 23.3 mg/L
124-38-9	204-696-9	Carbon dioxide	2 ≤ 4.24 weight-%	Press. Gas (Comp.); H280	
78-93-3	201-159-0	butanone	0 < 0.45 weight-%	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	ATE(oral): > 2193 mg/kg ATE(dermal): > 5000 mg/kg ATE(inhalation vapour): 34 mg/L
78-78-4	201-142-8	2-methylbutane	0 < 0.1 weight-%	Flam. Liq. 1; H224 Asp. Tox. 1; H304 STOT SE 3; H336 Aquatic Chronic 2; H411; EUH066	ATE(oral): > 2000 mg/kg
REACH No.		Substance name			
01-2119457610-43-0000		ethanol			
01-2119475515-33		Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane			
01-2119457290-43-0000		butanone			

**\* SECTION 4: First aid measures****\* 4.1 Description of first aid measures**

- \* **General information**  
 Remove contaminated, saturated clothing immediately.  
 Remove victim out of the danger area.  
 If threatening unconsciousness, position and transport in recovery position.  
 In the event of persistent symptoms receive medical treatment.  
 Do not leave affected person unattended.
- \* **Following inhalation**  
 Provide fresh air.  
 In case of respiratory tract irritation, consult a physician.  
 In the event of symptoms refer for medical treatment.



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- \* **Following skin contact**  
After contact with skin, wash immediately with plenty of water and soap.  
Take off contaminated clothing.  
In case of skin irritation, consult a physician.
- \* **After eye contact**  
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
- \* **Following ingestion**  
Do NOT induce vomiting.  
Medical treatment necessary.  
Rinse mouth thoroughly with water.  
Let water be drunken in little sips (dilution effect).
- \* **Self-protection of the first aider**  
First aider: Pay attention to self-protection!

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

**Symptoms**

Irritating  
Dizziness  
Dizziness

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

**Notes for the doctor**

Treat symptomatically.

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\* **SECTION 5: Firefighting measures**

\* **5.1 Extinguishing media**

\* **Suitable extinguishing media**

Foam  
Carbon dioxide (CO<sub>2</sub>)  
Extinguishing powder  
Water spray jet

**Unsuitable extinguishing media**

Full water jet

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

**Hazardous combustion products**

Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)

\* **5.3 Advice for firefighters**

\* **Special protective equipment for firefighters**

In case of fire: Wear self-contained breathing apparatus.  
Wear full chemical protective clothing.

\* **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.



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**\* SECTION 6: Accidental release measures**

**\* 6.1 Personal precautions, protective equipment and emergency procedures**

**\* For non-emergency personnel**  
Remove persons to safety.  
Use personal protection equipment.

**For emergency responders**  
Personal protection equipment

**6.2 Environmental precautions**

Do not allow to enter into surface water or drains.

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

**For containment**  
Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).  
Disposal according to regulations.

**6.4 Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

**\* Additional information**

Use suitable container to avoid contamination of the environment

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**\* SECTION 7: Handling and storage**

**\* 7.1 Precautions for safe handling**

**\* Protective measures**  
Wear personal protection equipment (refer to section 8).  
Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.  
If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.  
Keep away from sources of ignition - No smoking.  
Do not spray against flames or glowing bodies.  
Avoid:  
Eye contact  
Skin contact

**\* Advices on general occupational hygiene**  
When using do not eat, drink, smoke, sniff.  
Remove contaminated, saturated clothing immediately.  
Wash hands before breaks and after work.

**\* 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

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\* **Materials to avoid**

Do not store together with:  
 Strong alkali  
 Strong acid  
 Food and feedingstuffs

**Further information on storage conditions**

Keep container tightly closed in a cool, well-ventilated place.  
 Protect from heat and direct solar radiation.

**7.3 Specific end use(s)****Recommendation**

See section 1.2

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

CAS No.	EC No.	Substance name	occupational exposure limit value
78-93-3	201-159-0	Butanone	200 [ml/m <sup>3</sup> (ppm)] 600 [mg/m <sup>3</sup> ] Short-term(ml/m <sup>3</sup> ) 300 Short-term(mg/m <sup>3</sup> ) 900 2000/39/EC
78-78-4	201-142-8	Isopentane	1000 [ml/m <sup>3</sup> (ppm)] 3000 [mg/m <sup>3</sup> ] 2006/15/EC
78-93-3	201-159-0	Butan-2-one	200 [ml/m <sup>3</sup> (ppm)] 600 [mg/m <sup>3</sup> ] Short-term(ml/m <sup>3</sup> ) 300 (1) Short-term(mg/m <sup>3</sup> ) 900 (1) (1) 15 minutes reference period (IE)
78-78-4	201-142-8	iso-Pentane	1000 [ml/m <sup>3</sup> (ppm)] (IE)
78-78-4	201-142-8	Pentane (all isomers)	1000 [ml/m <sup>3</sup> (ppm)] 3000 [mg/m <sup>3</sup> ] (IE)
78-93-3	201-159-0	Butan-2-one	200 [ml/m <sup>3</sup> (ppm)] 600 [mg/m <sup>3</sup> ] Short-term(ml/m <sup>3</sup> ) 300 Short-term(mg/m <sup>3</sup> ) 899 (UK)
78-78-4	201-142-8	iso-Pentane	600 [ml/m <sup>3</sup> (ppm)] 1800 [mg/m <sup>3</sup> ] (UK)

\* **DNEL worker**

CAS No.	Substance name	DNEL value	DNEL type	Remark
64742-49-0	Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane	300 mg/kg	long-term dermal (systemic)	
64742-49-0	Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane	2085 mg/m <sup>3</sup>	acute inhalative (systemic)	

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\* **DNEL Consumer**

CAS No.	Substance name	DNEL value	DNEL type	Remark
64742-49-0	Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane	149 mg/kg	Long-term – oral, systemic effects	
64742-49-0	Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane	149 mg/kg	long-term dermal (systemic)	
64742-49-0	Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane	447 mg/m <sup>3</sup>	long-term inhalative (systemic)	

\* **8.2 Exposure controls**\* **Personal protection equipment**\* **Eye/face protection**

Eye glasses with side protection  
 EN 166

\* **Hand protection**

It is recommended to check the chemical resistance of the specified protective gloves for special applications with the glove manufacturer.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

Information on glove material [type / type, thickness, permeation time / duration of wetting, wetting strength]: EN 374, NBR (nitrile rubber), 480 min., 0,4 mm

**Body protection:**

Protective clothing

**Respiratory protection**

Respiratory protection necessary at:  
 insufficient ventilation

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

No data available

**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**

not determined

\* **Odour**

not determined

**Safety relevant basis data**

	Value	Method	Source, Remark
Odour threshold:	not determined		

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	Value	Method	Source, Remark
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	78- 105 °C		
flammability	not determined		
Lower and upper explosion limit	0.6- 27.7 Vol-%		
Flash point	approx. 80 °C		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	not determined		
Solubility(ies)	not determined		
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	0.74 g/cm <sup>3</sup> (20°C)		
Relative vapour density	not determined		
particle characteristics	not determined		

**\* 9.2 Other information**

No data available

**\* SECTION 10: Stability and reactivity****10.1 Reactivity**

Ignition hazard

**\* 10.2 Chemical stability**

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

**\* 10.3 Possibility of hazardous reactions**

Danger of bursting container.

**10.4 Conditions to avoid**

High temperatures, ignition sources, incompatible materials

**\* 10.5 Incompatible materials**

Oxidising agent, strong  
 Reactions with strong acids.  
 Peroxides

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.



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**\* 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	CAS No.64-17-5 ethanol LD50: 10470 mg/kg Species Rat	OECD 401	
	CAS No.64742-49-0 Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane LD50: > 5840 mg/kg Species Rat		
	CAS No.78-93-3 butanone LD50: > 2193 mg/kg Species Rat	OECD 423	
	CAS No.78-78-4 2- methylbutane LD50: > 2000 mg/kg Species Rat	OECD 401	
Acute dermal toxicity	CAS No.64-17-5 ethanol LD50: > 2000 mg/kg Species Rabbit	OECD 402	
	CAS No.64742-49-0 Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane LD50: > 2920 mg/kg Species Rat		
	CAS No.78-93-3 butanone LD50: > 5000 mg/kg Species Rabbit	OECD 402	
Acute inhalation toxicity	CAS No.64-17-5 ethanol Acute inhalation toxicity (vapour) LC50: 51 mg/L Species Rat Exposure time 4 h	OECD 403	
	CAS No.64742-49-0 Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane Acute inhalation toxicity (vapour) LC50: > 23.3 mg/L Species Rat Exposure time 4 h		
	CAS No.78-93-3 butanone Acute inhalation toxicity (vapour) LC50: 34 mg/L Species Rat Exposure time 4 h		

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	Effective dose	Method, Evaluation	Source, Remark
	Acute inhalation toxicity (gas) LC50: 125003 mg/m³ Species Rat Exposure time 4 h		
* <b>Assessment/classification</b>			
Based on available data, the classification criteria are not met.			
* <b>Skin corrosion/irritation</b>			
<b>Animal data</b>			
Result / Evaluation	Method		Source, Remark
Irritant.			
* <b>Assessment/classification</b>			
Causes skin irritation.			
* <b>Serious eye damage/irritation</b>			
<b>Animal data</b>			
Result / Evaluation	Method		Source, Remark
Causes serious eye irritation.			
* <b>Assessment/classification</b>			
Causes serious eye irritation.			
* <b>Sensitisation to the respiratory tract</b>			
* <b>Assessment/classification</b>			
Based on available data, the classification criteria are not met.			
* <b>Skin sensitisation</b>			
* <b>Assessment/classification</b>			
Based on available data, the classification criteria are not met.			
* <b>Germ cell mutagenicity</b>			
* <b>Assessment/classification</b>			
Based on available data, the classification criteria are not met.			
* <b>Carcinogenicity</b>			
* <b>Other information</b>			
No indication of carcinogenicity in humans			
* <b>Assessment/classification</b>			
Based on available data, the classification criteria are not met.			
* <b>Reproductive toxicity</b>			
* <b>Other information</b>			
No evidence of reproductive toxicity in humans available			
* <b>Assessment/classification</b>			
Based on available data, the classification criteria are not met.			

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\* **Overall Assessment on CMR properties**

The mixture is not classified as mutagenic / not classified as carcinogenic / not classified as toxic for reproduction

\* **STOT-single exposure**

\* **STOT SE 1 and 2**

\* **Other information**

May cause drowsiness or dizziness.

\* **Assessment/classification**

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

\* **STOT-repeated exposure**

\* **Other information**

The mixture is not classified as specific target organ toxic (repeated exposure).

\* **Assessment/classification**

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

\* **Aspiration hazard**

\* **Assessment/classification**

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

\* **Remark**

The mixture is not classified as toxic to aspiration

**11.2 Information on other hazards**

\* **Other information**

Irritates eyes and skin.

\* **SECTION 12: Ecological information**

\* **12.1 Toxicity**

\* **Aquatic toxicity**

	Effective dose	Method,Evaluation	Source, Remark
Acute (short-term) fish toxicity	CAS No.64-17-5 ethanol LC50: 1300 mg/L Species Oncorhynchus mykiss (Rainbow trout) Test duration 4 d	OECD 203	
	CAS No.64742-49-0 Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane LC50: > 13.4 mg/L Species Oncorhynchus mykiss (Rainbow trout) Test duration 4 d		

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	Effective dose	Method, Evaluation	Source, Remark
Chronic (long-term) fish toxicity	CAS No.78-93-3 butanone LC50: 2993 mg/L Species Pimephales promelas (fathead minnow) Test duration 4 d	OECD 203	
	CAS No.78-78-4 2- methylbutane LC50: 34.05 mg/L Test duration 4 d		
	CAS No.64742-49-0 Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane NOEC 1.534 mg/L Test duration 28 d		
	CAS No.78-78-4 2- methylbutane NOEC 7.618 mg/L Test duration 28 d		
Acute (short-term) toxicity to crustacea	CAS No.64-17-5 ethanol EC50 858 mg/L Species Daphnia sp. Test duration 2 d		
	CAS No.64742-49-0 Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane EC50 3 mg/L Test duration 2 d		
	CAS No.78-93-3 butanone EC50 308 mg/L Species Daphnia magna (Big water flea) Test duration 2 d	OECD 202	
	CAS No.78-78-4 2- methylbutane EC50 59.44 mg/L Test duration 2 d		
Chronic (long-term) toxicity to aquatic invertebrate	CAS No.64742-49-0 Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane NOEC 1 mg/L Test duration 21 d		
Acute (short-term) toxicity to algae and cyanobacteria	CAS No.64-17-5 ethanol EC50 275 mg/L Species Chlorella vulgaris Test duration 3 d	OECD 201	
	CAS No.64742-49-0 Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cycloalkane EC50 10 mg/L Species Chlorella vulgaris Test duration 3 d		

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	Effective dose	Method, Evaluation	Source, Remark
	CAS No.78-93-3 butanone EC50 1972 mg/L Species Pseudokirchnerella subcapitata Test duration 3 d	OECD 201	
	CAS No.78-78-4 2- methylbutane EC50 25.12 mg/L Test duration 3 d		
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**

May cause long lasting harmful effects to aquatic life.

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

Readily biodegradable (according to OECD criteria).

\* **12.3 Bioaccumulative potential**

	Value	Method	Source, Remark
Bioconcentration factor (BCF)	Bioconcentration factor (BCF) 171		CAS No.78-78-4 2- methylbutane

**Assessment/classification**

No data available

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

No data available

\* **12.5 Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of 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
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160504 *	gases in pressure containers (including halons) containing hazardous substances
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Waste code packaging	Waste name
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150111 *	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
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\* **Appropriate disposal / Product**

Dispose of waste according to applicable legislation.

\* **Appropriate disposal / Package**

Dispose of according to official regulations.

\* **Remark**

Consult the appropriate local waste disposal expert about waste disposal.

**SECTION 14: Transport information**

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

**14.6 Special precautions for user**

No data available

**14.7 Maritime transport in bulk according to IMO instruments**

No data available

**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



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Tunnel restriction code D

**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

**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

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**\* SECTION 15: Regulatory information**

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

**\* Other regulations (EU)**

**To follow:**  
No data available

**15.2 Chemical Safety Assessment**

**\* National regulations**

No data available

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**\* SECTION 16: Other information**

**\* Indication of changes**

\* Data changed compared with the previous version



**Quick cleaner joke NSF-H1**

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**Abbreviations and acronyms**

ATE: Acute Toxicity Estimate  
ATEmix: Acute Toxicity Estimate for Mixtures  
BCF: Bioconcentration Factor  
CAS: Chemical Abstracts Service  
EC50: Effective Concentration 50%  
EL50: Effective Loading 50 %  
EU: European Union  
GefStoffV: Ordinance on Hazardous Substances  
IATA: International Air Transport Association  
IMDG: International Maritime Dangerous Goods  
JArbSchG: Youth Labor Protection Act (DE)  
LC50: Lethal (fatal) Concentration 50%  
LD50: Lethal (fatal) Dose 50%  
MuSchRiv: Maternity Protection Guideline Ordinance (DE)  
NOEC: No Observed Effect Concentration  
OECD: Organisation for Economic Cooperation and Development  
PBT: persistent and bioaccumulative and toxic  
REACH: Registration, Evaluation and Authorization of Chemicals  
TRGS: Technical Rules for Hazardous Substances  
vPvB: very persistent, very bioaccumulative  
WGK: water hazard class

**Key literature references and sources for data**

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

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**Additional information**

National and local regulations concerning chemicals shall be observed.  
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)**

H224	Extremely flammable liquid and vapour.
H225	Highly 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.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

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**Indication of changes**

\* Data changed compared with the previous version