

Safety data sheet
according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

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

· **1.1 Product identifier**

· **Trade name: PROTEX SPRAY**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

· **Application of the substance / the mixture**

Only for proper handling.
Impregnation

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

· **Manufacturer/Supplier:**

BUCHER_AG_LANGENTHAL
MOTOREX-Schmiertechnik
Bern-Zürich-Strasse_31__
CH-4901_Langenthal__
Telefon_+41_(0)62_919_75_75

· **Only representative in EU:**

MOTOREX Deutschland AG, Bismarckstrasse 28, D-69198 Schriesheim

· **Further information obtainable from: msds@motorex.com**

· **1.4 Emergency telephone number:**

In case of a medical emergency following exposure to a chemical, the public should call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

SECTION 2: Hazards identification

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

· **Classification according to Regulation (EC) No 1272/2008**

Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS02 GHS07 GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Hydrocarbons C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% n-hexane isopentane

(Contd. on page 2)

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 1)

Hazard statementsH222-H229 *Extremely flammable aerosol. Pressurised container: May burst if heated.*H315 *Causes skin irritation.*H319 *Causes serious eye irritation.*H336 *May cause drowsiness or dizziness.*H411 *Toxic to aquatic life with long lasting effects.***Precautionary statements**P101 *If medical advice is needed, have product container or label at hand.*P102 *Keep out of reach of children.*P103 *Read label before use.*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.*P261 *Avoid breathing dust/fume/gas/mist/vapours/spray.*P280 *Wear protective gloves / eye protection / face protection.*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.*P405 *Store locked up.*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

3.2 Chemical characterisation: Mixtures· **Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

EC number: 921-024-6 Reg.nr.: 01-2119475514-35	Hydrocarbons C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% n-hexane <i>Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336</i>	25-50%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane <i>Flam. Gas 1, H220; Press. Gas (Comp.), H280</i>	25-50%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25	propan-2-ol <i>Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336</i>	10-25%

(Contd. on page 3)

GB

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 2)

CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1, H220; Press. Gas (Comp.), H280	5-10%
CAS: 108-21-4 EINECS: 203-561-1 Index number: 607-024-00-6 Reg.nr.: 01-2119537214-46	isopropyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	2.5-7.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

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

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 4)

Safety data sheet

according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 3)

See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Do not spray onto a naked flame or any incandescent material.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 2 B
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

106-97-8 butane

WEL	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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67-63-0 propan-2-ol

WEL	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
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108-21-4 isopropyl acetate

WEL	Short-term value: 849 mg/m ³ , 200 ppm
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· **DNELs**

Hydrocarbons C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% n-hexane

Oral	DNEL/general population/Systemic effects/Long-term	699 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long-term	773 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	699 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	2,035 mg/m ³ (worker)
	DNEL/general population/Systemic effects/Long-term	608 mg/m ³ (consumer)

67-63-0 propan-2-ol

Oral	DNEL/general population/Systemic effects/Long-term	26 mg/kg/24h (consumer)
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(Contd. on page 5)

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 4)

Dermal	DNEL / Workers / Systemic effects / Long-term	888 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	319 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	500 mg/m3 (worker)
	DNEL/general population/Systemic effects/Long-term	89 mg/m3 (consumer)

108-21-4 isopropyl acetate

Oral	DNEL/general population/Systemic effects/Long-term	26 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	420 mg/m3 (worker)
	DNEL/Workers/Systemic effects/acute-short term	850 mg/m3 (worker)
	DNEL / Workers / Local Effects / Long-term	420 mg/m3 (worker)
	DNEL/general population/Systemic effects/Long-term	252 mg/m3 (consumer)
	DNEL/general pop/Systemic effects/acute-short term	510 mg/m3 (consumer)
	DNEL/general population/Local effects/Long-term	252 mg/m3 (consumer)

PNECs**67-63-0 propan-2-ol**

Oral	PNEC / Predators / Secondary poisoning	160 mg/kg food (secondary poisoning (predators))
	PNEC / Aquatic organisms / Freshwater	140.9 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Marine water	140.9 mg/l (aquatic organisms)
	PNEC/Aquatic org/intermittent releases(freshwater)	140.9 mg/l (aquatic organisms)
	PNEC/Aquatic organisms/Sewage treatment plant/STP	2,251 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Sediment (freshwater)	552 mg/kg (aquatic organisms)
	PNEC / Aquatic organisms / Sediment (marine water)	552 mg/kg (aquatic organisms)
	PNEC / Terrestrial organism / Soil	28 mg/kg (terrestrial organisms)

108-21-4 isopropyl acetate

	PNEC / Aquatic organisms / Freshwater	0.22 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Marine water	0.022 mg/l (aquatic organisms)
	PNEC/Aquatic org/intermittent releases(freshwater)	1.1 mg/l (aquatic organisms)
	PNEC/Aquatic organisms/Sewage treatment plant/STP	190 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Sediment (freshwater)	1.25 mg/kg (aquatic organisms)

(Contd. on page 6)

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 5)

PNEC / Terrestrial organism / Soil	0.35 mg/kg (terrestrial organisms)
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- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing
 Wash hands before breaks and at the end of work.
 Do not inhale gases / fumes / aerosols.
 Avoid contact with the eyes and skin.
- **Respiratory protection:**
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
 Not necessary if room is well-ventilated.
 Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
 Protective gloves to EN374, resistant to oil in use. Standard EN 374 Level 3 control G1
 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.
 Fluorocarbon rubber (Viton)
 Nitrile rubber, NBR
 Recommended thickness of the material: ≥ 0.4 mm
- **Penetration time of glove material**
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 For the mixture of chemicals mentioned below the penetration time has to be at least 60 minutes (Permeation according to EN 374 Part 3: Level 1).
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Liquefied gas
Colour:	Colourless
Odour:	Solvent-like
Odour threshold:	Not determined.
- **pH-value:** Not determined.

(Contd. on page 7)

GB

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 6)

· Change in condition Melting point/freezing point: Initial boiling point and boiling range:	Undetermined. -42 °C (DIN EN ISO 3405)
· Flash point:	<-30 °C
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	365 °C (DIN 51794)
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits: Lower: Upper:	1.5 Vol % 12 Vol %
· Vapour pressure at 20 °C:	2,100 hPa
· Density at 20 °C: · Relative density · Vapour density · Evaporation rate	0.69 g/cm ³ (ASTM D 4052) Not determined. Not determined. Not applicable.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity: Dynamic: Kinematic: VOC (EC)	Not determined. Not determined. 99.04 %
Solids content:	0.0 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

(Contd. on page 8)

GB

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 7)

· **LD/LC50 values relevant for classification:**

Hydrocarbons C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% n-hexane

Oral	LD50	8 ml/kg (rat)
Dermal	LD50	4 ml/kg (rat)
	LD50	2,800-3,100 mg/kg (rat)
Inhalative	LC50 / 4h	25.2 mg/l (rat)
	NOAEC	8.117-24.3 mg/l (rat)

106-97-8 butane

Inhalative	LC50 / 15 min	1,442.738-1.443 mg/l (rat)
	LC50 / 15 min	800,000 ppm (rat)
	LC50 / 2h	1,237 mg/l (mouse)
	LC50 / 2h	520,400-539,600 ppm (mouse)
	LC50 / 4h	658 mg/l (rat)
	NOAEC	4,000-16,000 ppm (rat)
	NOAEC	7.2-21.4 mg/l (rat)
	LOAEC	21.6 mg/l (rat)
LOAEC	12,000 ppm (rat)	

67-63-0 propan-2-ol

Oral	LD50	5,840 mg/kg (rat)
Dermal	LD50	16.4 ml/kg (rabbit)
	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50 / 6h	10,000 ppm (rat)
	NOAEC	5,000 ppm (rat)
	NOEC	500-5,000 ppm (rat)

74-98-6 propane

Inhalative	LC50 / 15 min	1,442.738-1.443 mg/l (rat)
	LC50 / 15 min	800,000 ppm (rat)
	LC50 / 2h	1,237 mg/l (mouse)
	LC50 / 2h	520,400-539,600 ppm (mouse)
	NOAEC	4,000-16,000 ppm (rat)
	NOAEC	7.214-21.394 mg/l (rat)
	LOAEC	21.64 mg/l (rat)
	LOAEC	12,000 ppm (rat)

108-21-4 isopropyl acetate

Oral	LD50	6,750 mg/kg (rat)
Dermal	LD50	20 ml/kg (rabbit)
Inhalative	LC50 / 8h	50.6 mg/l (rat)
	NOAEC	350 ppm (rat)

· **Primary irritant effect:**

· **Skin corrosion/irritation**

Causes skin irritation.

· **Serious eye damage/irritation**

Causes serious eye irritation.

· **Respiratory or skin sensitisation**

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

(Contd. on page 9)

GB

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 8)

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**
May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Hydrocarbons C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% n-hexane

EC50	0.23 mg/l/21d (aquatic invertebrates)
EC50	0.64 mg/l/48h (aquatic invertebrates)
LL50	11.4 mg/l/96h (fish)
LL50	15.8 mg/l/72h (fish)
LL0	5.1 mg/l/96h (fish)
EL50	3 mg/l/48h (aquatic invertebrates)
EL50	12 mg/l/24h (aquatic invertebrates)
EL50	10-100 mg/l/72h (algae / cyanobacteria)
ELO	2 mg/l/48h (aquatic invertebrates)
ELO	10 mg/l/24h (aquatic invertebrates)
NOEC	0.17 mg/l/21d (aquatic invertebrates)
NOELR	2.045 mg/l/28d (fish)
NOELR	1 mg/l/21d (aquatic invertebrates)
LOEC	0.32 mg/l/72h (aquatic invertebrates)

106-97-8 butane

LC50	24.1-147.5 mg/l/96h (fish)
LC50	14.2-69.4 mg/l/48h (aquatic invertebrates)
EC50	7.7-19.4 mg/l/96h (algae / cyanobacteria)

67-63-0 propan-2-ol

LC50	9.64-10 mg/l/96h (fish)
LC50	10,000 mg/l/24h (aquatic invertebrates)
EC50	10,000 mg/l/24h (aquatic invertebrates)

74-98-6 propane

LC50	24.11-147.54 mg/l/96h (fish)
LC50	14.22-69.43 mg/l/48h (aquatic invertebrates)
EC50	7.71-19.37 mg/l/96h (algae / cyanobacteria)

108-21-4 isopropyl acetate

LC50	400 mg/l/96h (fish)
LC50	400 mg/l/48h (fish)
LC50	410 mg/l/24h (fish)
EC10	2,300 mg/l/48h (algae / cyanobacteria)

(Contd. on page 10)

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 9)

EC50	810 mg/l/24h (aquatic invertebrates)
EC50	37.1 mg/l/96h (algae / cyanobacteria)
EC50	250-370 mg/l/72h (algae / cyanobacteria)
EC50	110 mg/l/48h (aquatic invertebrates)
	5,600 mg/l/48h (algae / cyanobacteria)
NOEC	95-110 mg/l/72h (algae / cyanobacteria)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential**

Hydrocarbons C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% n-hexane

Biodegradability	81 % (28d) (Biodegradability) (OECD 301 F)
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106-97-8 butane

Partition coefficient	1.09-2.8 [---] (log Kow) (Bioaccumulation)
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67-63-0 propan-2-ol

Partition coefficient	0.05 [---] (log Kow) (Bioaccumulation)
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Biodegradability	>70 % (28d) (Biodegradability) (EU Method C.5)
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74-98-6 propane

Partition coefficient	1.09-2.8 [---] (log Kow) (Bioaccumulation)
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108-21-4 isopropyl acetate

Partition coefficient	1.02-1.36 [---] (log Kow) (Bioaccumulation)
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Biodegradability	>76 % (28d) (Biodegradability)
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· **12.4 Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (according to Appendix 1 AwSV): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

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

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

· **European waste catalogue**

16 05 04*	gases in pressure containers (including halons) containing hazardous substances
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(Contd. on page 11)

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2






Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 10)

- **Uncleaned packaging:**
- **Recommendation:**
Disposal must be made according to official regulations.
Discharged containers can contain flammable or explosive vapours.

SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN-Number · ADR/RID/ADN, IMDG, IATA 	UN1950
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR/RID/ADN · IMDG · IATA 	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS AEROSOLS (Naphtha (petroleum), hydrotreated light, isopentane), MARINE POLLUTANT AEROSOLS, flammable
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR/RID/ADN 	<div style="display: flex; align-items: center; gap: 10px;">   </div> <ul style="list-style-type: none"> · Class · Label
<ul style="list-style-type: none"> · IMDG 	<div style="display: flex; align-items: center; gap: 10px;">   </div> <ul style="list-style-type: none"> · Class · Label
<ul style="list-style-type: none"> · IATA 	<div style="display: flex; align-items: center; gap: 10px;">  </div> <ul style="list-style-type: none"> · Class · Label
<ul style="list-style-type: none"> · 14.4 Packing group · ADR/RID/ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR/RID/ADN): 	Product contains environmentally hazardous substances: Naphtha (petroleum), hydrotreated light Yes Symbol (fish and tree) Symbol (fish and tree)
<ul style="list-style-type: none"> · 14.6 Special precautions for user · Danger code (Kemler): 	Warning: Gases. -

(Contd. on page 12)

GB

Safety data sheet according to (EU) 2015/830

Printing date 29.06.2018

Version number 1.2

Revision: 29.06.2018

Trade name: **PROTEX SPRAY**

(Contd. of page 11)

· 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 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR/RID/ADN	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· Transport category	2
· 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, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category**
P3a FLAMMABLE AEROSOLS
E2 Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **UFI Code** DKKF-JE9S-J008-DMCW
- **15.2 Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out.

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(Contd. on page 13)

Safety data sheet according to (EU) 2015/830

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Trade name: **PROTEX SPRAY**

(Contd. of page 12)

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

· **Relevant phrases**

H220 Extremely flammable gas.

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.

· **Department issuing SDS: Abteilung Produktsicherheit**

· **Abbreviations and acronyms:**

Flam. Gas 1: Flammable gases – Category 1

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

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

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· *** Data compared to the previous version altered.**

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