


1 Identification

- **Product identifier**
- **Trade name: PROTEX SPRAY**
- **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
- **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

A1 Accessory Imports
60-62 Burchill St.
Loganholme
4129 QLD
Australia
Phone : 07 3451 1300
- **Further information obtainable from: msds@motorex.com**
- **Emergency telephone number:**
In case of a medical emergency following exposure to a chemical, call Poisons Information Centre
Australia 13 11 26

2 Hazard(s) Identification

- **Classification of the substance or mixture**
Aerosol 1 H222 Extremely flammable aerosol.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A 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.
- **Label elements**
- **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

GHS02 GHS07 GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**
Hydrocarbons C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% n-hexane
propan-2-ol
isopentane
isopropyl acetate
- **Hazard statements**
H222 Extremely flammable aerosol.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: PROTEX SPRAY

(Contd. of page 1)

*H336 May cause drowsiness or dizziness.**H304 May be fatal if swallowed and enters airways.***Precautionary statements***P210 Keep away from heat/sparks/open flames/hot surfaces. 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.**P261 Avoid breathing dust/fume/gas/mist/vapours/spray.**P264 Wash thoroughly after handling.**P271 Use only outdoors or in a well-ventilated area.**P280 Wear protective gloves / eye protection / face protection.**P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.**P321 Specific treatment (see on this label).**P331 Do NOT induce vomiting.**P302+P352 IF ON SKIN: Wash with plenty of water.**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.**P362+P364 Take off contaminated clothing and wash it before reuse.**P332+P313 If skin irritation occurs: Get medical advice/attention.**P337+P313 If eye irritation persists: Get medical advice/attention.**P403+P233 Store in a well-ventilated place. Keep container tightly closed.**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.***Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

3 Composition and Information on Ingredients

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

EC number: 921-024-6	Hydrocarbons C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% n-hexane Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H336	25-50%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0	butane Flam. Gas 1, H220; Press. Gas C, H280	25-50%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2A, H319; STOT SE 3, H336	≥10-<20%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5	propane Flam. Gas 1, H220; Press. Gas C, H280	2.5-7.5%
CAS: 108-21-4 EINECS: 203-561-1 Index number: 607-024-00-6	isopropyl acetate Flam. Liq. 2, H225; Eye Irrit. 2A, H319; STOT SE 3, H336	2.5-7.5%

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

AU

(Contd. on page 3)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: **PROTEX SPRAY**

(Contd. of page 2)

4 First Aid Measures

- **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.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **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.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**
- **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.
- **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.

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: **PROTEX SPRAY**

(Contd. of page 3)

- **Storage class:** 2 B
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

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

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

106-97-8 butane

NES Long-term value: 1900 mg/m³, 800 ppmWES Long-term value: 1900 mg/m³, 800 ppm

67-63-0 propan-2-ol

NES Short-term value: 1230 mg/m³, 500 ppmLong-term value: 983 mg/m³, 400 ppmWES Short-term value: 1230 mg/m³, 500 ppmLong-term value: 983 mg/m³, 400 ppm

74-98-6 propane

NES Asphyxiant

WES Asphyxiant

108-21-4 isopropyl acetate

NES Short-term value: 1290 mg/m³, 310 ppmLong-term value: 1040 mg/m³, 250 ppmWES Short-term value: 1290 mg/m³, 310 ppmLong-term value: 1040 mg/m³, 250 ppm

· **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/m³ (worker)DNEL/general population/Systemic effects/Long-term 608 mg/m³ (consumer)

67-63-0 propan-2-ol

Oral DNEL/general population/Systemic effects/Long-term 26 mg/kg/24h (consumer)

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)

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: PROTEX SPRAY

(Contd. of page 4)

· 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)
	PNEC / Terrestrial organism / Soil	0.35 mg/kg (terrestrial organisms)

· **Additional information:** The lists valid during the making were used as basis.

· **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

(Contd. on page 6)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: **PROTEX SPRAY**

(Contd. of page 5)

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

9 Physical and Chemical Properties

- **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.

- **Change in condition**

- **Melting point/freezing point:** Undetermined.

- **Initial boiling point and boiling range:** -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:** 1.5 Vol %

- **Upper:** 12 Vol %

- **Vapour pressure at 20 °C:** 2,100 hPa

- **Density at 20 °C:** 0.69 g/cm³ (ASTM D 4052)

- **Relative density** Not determined.

- **Vapour density** Not determined.

- **Evaporation rate** Not applicable.

- **Solubility in / Miscibility with water:**

- Not miscible or difficult to mix.

- **Partition coefficient: n-octanol/water:** Not determined.

- **Viscosity:**

- **Dynamic:** Not determined.

- **Kinematic:** Not determined.

- **Solids content:** 0.0 %

- **Other information** No further relevant information available.

-AU-

(Contd. on page 7)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: **PROTEX SPRAY**

(Contd. of page 6)

10 Stability and Reactivity

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

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**

- **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)

(Contd. on page 8)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: **PROTEX SPRAY**

(Contd. of page 7)

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** Irritant to skin and mucous membranes.· **Serious eye damage/irritation** Irritating effect.· **Respiratory or skin sensitisation** No sensitising effects known.· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological Information· **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)

(Contd. on page 9)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: PROTEX SPRAY

(Contd. of page 8)

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

- **Persistence and degradability** No further relevant information available.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential**

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

Biodegradability	81 % (28d) (Biodegradability) (OECD 301 F)
------------------	--------------------------------------------

106-97-8 butane

Partition coefficient	1.09-2.8 [---] (log Kow) (Bioaccumulation)
-----------------------	--------------------------------------------

67-63-0 propan-2-ol

Partition coefficient	0.05 [---] (log Kow) (Bioaccumulation)
-----------------------	----------------------------------------

Biodegradability	>70 % (28d) (Biodegradability) (EU Method C.5)
------------------	------------------------------------------------

74-98-6 propane

Partition coefficient	1.09-2.8 [---] (log Kow) (Bioaccumulation)
-----------------------	--------------------------------------------

108-21-4 isopropyl acetate

Partition coefficient	1.02-1.36 [---] (log Kow) (Bioaccumulation)
-----------------------	---------------------------------------------

Biodegradability	>76 % (28d) (Biodegradability)
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- **Mobility in soil** No further relevant information available.

- **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.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **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.

- **Uncleaned packaging:**

- **Recommendation:**

Disposal must be made according to official regulations.

Discharged containers can contain flammable or explosive vapours.

-AU-

(Contd. on page 10)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019






Version number 1.2

Revision: 04.04.2019

Trade name: **PROTEX SPRAY**

(Contd. of page 9)

14 Transport information

· UN-Number	
· ADG, IMDG, IATA	UN1950
· UN proper shipping name	
· ADG	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
· IMDG	AEROSOLS (Naphtha (petroleum), hydrotreated light, isopentane), MARINE POLLUTANT
· IATA	AEROSOLS, flammable
· Transport hazard class(es)	
· ADG	
	
· Class	2.5F Gases.
· Label	2.1
· IMDG	
	
· Class	2.1
· Label	2.1
· IATA	
	
· Class	2.1
· Label	2.1
· Packing group	
· ADG, IMDG, IATA	Void
· Environmental hazards:	Product contains environmentally hazardous substances: Naphtha (petroleum), hydrotreated light
· Marine pollutant:	Yes
· Special marking (ADG):	Symbol (fish and tree) Symbol (fish and tree)
· Special precautions for user	Warning: Gases.
· Danger code (Kemler):	-
· 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.

(Contd. on page 11)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: PROTEX SPRAY

(Contd. of page 10)

· 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.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	

· ADG	
· 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

15 Regulatory information

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

- **Australian Inventory of Chemical Substances**

106-97-8	butane
67-63-0	propan-2-ol
74-98-6	propane
108-21-4	isopropyl acetate
75-28-5	isobutane
78-78-4	isopentane

- **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients is listed.

- **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
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

(Contd. on page 12)

Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.2

Revision: 04.04.2019

Trade name: PROTEX SPRAY

(Contd. of page 11)

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.

- **Department issuing SDS: Abteilung Produktsicherheit**

- **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

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted 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 C: Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

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

—AU—