

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II,
as amended. Commission Regulation (EU) No 2015/830
of 28 May 2015.

Trimmercide® Spray

Valid from 2019-08-15

Version 2.0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: Trimmercide® Spray
400 ml Art.nr. 035010

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

Identified uses Cleaning agent.

1.3 Details of the supplier of the safety data sheet

Manufacturer Terapima Svenska AB
Smidesvägen 13
24534 Staffanstorp, Sweden
Tel. +46 46 238495
info@disicide.com

1.4 Emergency telephone number Please call your local emergency number

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Regulation (EC) No 1272/2008

Physical hazards: Aerosol 1 - H222, H229
Health hazards: Not Classified
Environmental hazards: Not Classified.

2.2 Label elements

Hazard pictograms



Signal word: Danger
Hazard statements: H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.

Precautionary statements: P102 Keep out of reach of children
P210 Keep away from heat, hot surfaces, sparks, open flames - 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.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

2.3. Other hazards

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3. COMPOSITION/INFORMATION ON INGREDIENTS

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3.1 Mixtures

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)	
		Hazard class / Hazard category	Hazard statements
BUTANE CAS-No: 106-97-8 EC-No: 203-448-7 EU REACH: 01-2119474691-32	50-70	Flam. Gas 1	H220
PROPANE CAS-No: 74-98-6 EC-No: 200-827-9 EU REACH: 01-2119486944-21	35-50	Flam. Gas 1	H220
PROPAN-2-OL CAS-No: 67-63-0 EC-No: 200-661-7 EU REACH: 01-2119457558-25	2,5-4,99	Flam. Liq 2 Eye irritation STOT SE 3	H225 H319 H336
Hydrocarbons, C7 n-alkanes, isoalkanes, cyclics EC-No: 927-510-4 EU REACH: 01-2119475515-33-0000	0,1-0,99	Flam. Liq 2 Skin irritation 2 STOT SE 3 Asp. Tox 1 Aquatic Chronic 2	H225 H315 H336 H304 H411
PENTANE CAS-No: 109-66-0 EC-No: 203-692-4 EU REACH: 01-2119459286-30-0000	0,1-0,99	Flam. Liq 1 STOT SE 3 Asp. Tox 1 Aquatic Chronic 2	H224 H336 H304 H411
WHITE MINERAL OIL CAS-No: 8042-47-5 EC-No: 232-455-8 EU REACH: 02-2119670876-22-0000	0,1-0,99	Asp. Tox 1	H304

For the full text of the H statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES



4.1. Description of first aid measures

General Information: Get medical attention if any discomfort continues.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion: Drink a few glasses of water or milk. Do not induce vomiting.

Skin contact: Wash skin thoroughly with soap and water.

Eye contact: Rinse with water. Get medical attention if any discomfort continues.

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

General information: Solvent abuse can kill instantly.

Inhalation: Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion: May cause nausea, headache, dizziness and intoxication.

Skin contact: May cause skin disorders if contact is repeated or prolonged.

Eye contact: May cause temporary eye irritation.

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

Notes for the doctor No specific recommendations.

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5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Special hazards: Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable.

5.3. Advice for firefighters

Protective actions during firefighting: Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters: Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Additional release measures -

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions: Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up: Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Small Spillages: Wipe away with paper or textile fabric.

6.4. Reference to other sections

Reference to other sections: For personal protection, see Section 8. For waste disposal, see section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions: Keep away from heat, sparks and open flame. Protect against direct sunlight. Avoid eating, drinking and smoking when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep container dry.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Occupational exposure limits

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

PROPANE

Short-term exposure limit (15-minute): WEL No reference standard

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

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Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

PENTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1800 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

PROPAN-2-OL (CAS: 67-63-0)

DNEL

Workers - Dermal; Long term systemic effects: 888 mg/kg/day

Workers - Inhalation; Long term systemic effects: 500 mg/m³

Consumer - Dermal; Long term systemic effects: 319 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 89 mg/m³

Consumer - Oral; Long term systemic effects: 26 mg/kg/day

PNEC

- Fresh water; 140,9 mg/l

- marine water; 140,9 mg/l

- Intermittent release; 140,9 mg/l

- Soil; 28 mg/kg

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (Heptane)

DNEL

Workers - Dermal; Short term systemic effects: 300 mg/kg/day

Workers - Inhalation; Long term systemic effects: 2085 mg/m³

Consumer - Dermal; Long term systemic effects: 149 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 447 mg/m³

PENTANE (CAS: 109-66-0)

DNEL

Workers - Dermal; Long term systemic effects: 432 mg/kg/day

Workers - Inhalation; Long term systemic effects: 300 mg/m³

Consumer - Dermal; Long term systemic effects: 214 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 214 mg/kg/day

PNEC

Fresh water; 0,23 mg/l

marine water; 0,23 mg/l

Intermittent release; 0,88 mg/l

STP; 3,6 mg/l

Sediment (Freshwater); 1,2 mg/kg/day

Soil; 0,55 mg/kg

WHITE MINERAL OIL (PETROLEUM) (CAS: 8042-47-5)

DNEL

Workers - Dermal; Long term systemic effects: 220 mg/kg/day

Workers - Inhalation; Long term systemic effects: 160 mg/m³

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

All handling should only take place in well-ventilated areas.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear chemical splash goggles.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Rubber or plastic.

Other skin and body protection

Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

Hygiene measures Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection No specific recommendation made, but chemical cartridge protection may still be required for

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organic dusts/vapours known to be toxic.

9. PHYSICAL AND CHEMICAL PROPERTIES



9.1. Information on basic physical and chemical properties

Appearance: Aerosol.

Colour: Colourless.

Odour: Slight alcoholic.

Odour threshold: Not determined.

pH: Not determined.

Melting point: Not determined.

Initial boiling point and range: Not determined.

Flash point: Technical impossibility to obtain the data.

Evaporation rate: Not determined.

Evaporation factor: Not determined.

Flammability (solid, gas): Not determined.

Upper/lower flammability or explosive limits: Not determined.

Other flammability: Not determined.

Vapour pressure: Not determined.

Vapour density: Not determined.

Relative density: ~0,6

Bulk density: Not determined.

Solubility(ies): Organic solvents.

Partition coefficient: Not determined.

Auto-ignition temperature: Not determined.

Decomposition Temperature: Not determined.

Viscosity: Not determined.

Explosive properties: Not determined.

Explosive under the influence of a flame: Yes

Oxidising properties: Not determined.

9.2. Other Information

Other information: Not relevant.

Refractive index: Not determined.

Particle size: Not determined.

Molecular weight: Not determined.

Volatility: Highly volatile.

Saturation concentration: Not determined.

Critical temperature: Not determined.

Volatile organic compound: No information required.

10. STABILITY AND REACTIVITY



10.1. Reactivity

Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

Not known

10.4. Conditions to avoid

Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid

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No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Not known.

11. TOXICOLOGICAL INFORMATION



11.1. Information on toxicological effects

Toxicological effects: No data is available regarding the preparation itself.

Acute toxicity - oral

Notes (oral LD₅₀): Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀): Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀): Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation: Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation: Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation: Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation: Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro: Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity: Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity – fertility: Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure: Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure: Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard: Not relevant.

General information: Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation: Vapours have a narcotic effect. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. May cause respiratory system irritation.

Ingestion: May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact: May cause skin disorders if contact is repeated or prolonged.

Eye contact: May cause temporary eye irritation.

Acute and chronic health hazards:

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Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Nausea, vomiting, Headache.

Toxicological information on ingredients.

BUTANE

Acute toxicity - oral

Notes (oral LD₅₀) Not applicable

Acute toxicity - dermal

Notes (dermal LD₅₀) Not applicable.

Acute toxicity - inhalation

Acute toxicity inhalation 20,0

(LC₅₀ vapours mg/l)

Notes (inhalation LC₅₀)

PROPANE

Acute toxicity - oral

Notes (oral LD₅₀) Not applicable.

Acute toxicity - dermal

Notes (dermal LD₅₀) Not applicable.

Acute toxicity - inhalation

Acute toxicity inhalation 20,0

(LC₅₀ vapours mg/l)

Notes (inhalation LC₅₀)

PROPAN-2-OL

Acute toxicity - inhalation

Acute toxicity inhalation 72,6

(LC₅₀ vapours mg/l)

ATE inhalation (vapours mg/l) 72.6

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (Heptane)

Acute toxicity - oral

Acute toxicity oral (LD₅₀mg/kg) 58,400.0

Species Rat

ATE oral (mg/kg) 58,400.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀mg/kg) 29,200.0

Species Rat

ATE dermal (mg/kg) 29,200.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 23.3

Species Rat

ATE inhalation (vapours mg/l) 23.3

PENTANE

Acute toxicity - oral

Acute toxicity oral (LD₅₀mg/kg) 400.0

Species Rat

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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀mg/kg) 3,000.0
Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 364.0
Species Rat
ATE inhalation (vapours mg/l) 364.0

WHITE MINERAL OIL (PETROLEUM)

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LD₅₀ >5000 mg/m³, Inhalation, Rat

12. ECOLOGICAL INFORMATION



Ecotoxicity

There are no data on the ecotoxicity of this product.

12.1. Toxicity

Toxicity

No data is available regarding the preparation itself.

Ecological information on ingredients.

BUTANE

Acute aquatic toxicity

Acute toxicity - fish Highly volatile. LC₅₀, 96 hours: 24.11 mg/l,
Acute toxicity – aquatic invertebrates Highly volatile. EC₅₀, 48 hours: 14.22 mg/l, Daphnia magna

PROPANE

Acute aquatic toxicity

Acute toxicity – aquatic invertebrates Highly volatile. EC₅₀, 48 hours: 27.14 mg/l,
Acute toxicity – aquatic plants , . ,

PROPAN-2-OL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity – aquatic invertebrates EC₅₀, 48 hours: 13299 mg/l, Daphnia magna
Acute toxicity – aquatic plants IC₅₀, 72 hours: 1800 mg/l,

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (Heptane)

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >13,4 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity – aquatic invertebrates EC₅₀, 48 hours: 3 mg/l, Daphnia magna

PENTANE

Acute aquatic toxicity

Acute toxicity – fish LC₅₀, 96 hours: 4,26 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity – aquatic invertebrates EC₅₀, 48 hours: 2,7-9,1 mg/l, Daphnia magna
Acute toxicity – aquatic plants IC₅₀, 72 hours: 7,51 mg/l, Selenastrum capricornutum

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, >1000 hours: 96 mg/l, Leuciscus idus (Golden orfe)
Acute toxicity – aquatic invertebrates LL₅₀, >100 hours: 48 mg/l, Daphnia magna
Acute toxicity – aquatic plants NOEC, >100 hours: 72 , Pseudokirchneriella subcapitata

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12.2. Persistence and degradability

Persistence and degradability

There are no data on the degradability of this product.

Ecological information on ingredients.

BUTANE

Persistence and degradability

The product is readily biodegradable.

PROPANE

Persistence and degradability

Biodegradation

The product is readily biodegradable.
Water - :

PROPAN-2-OL

Persistence and degradability

The product is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

Ecological information on ingredients.

BUTANE

Bioaccumulative potential

The product is not bioaccumulating.

PROPANE

Bioaccumulative potential

Partition coefficient

The product is not bioaccumulating.
:

PROPAN-2-OL

Bioaccumulative potential

The product is not bioaccumulating.

PENTANE

Bioaccumulative potential

Partition coefficient

BCF: 171,
log Pow: 3,4

12.4. Mobility in soil

Mobility

No information available

Ecological information on ingredients.

BUTANE

Mobility

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

PROPANE

Mobility

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects

No information required.

13. DISPOSAL CONSIDERATIONS



13.1. Waste treatment methods

General information

The manufacturer of this product complies with the rules and regulations of the European

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Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste, by paying packaging fees for disposal and recycling of packaging waste.

Disposal methods

The plastic lid and valve are sorted as plastic. Empty aerosols are sorted as scrap metal. Residues and non-empty containers should be taken care of as hazardous waste according to local and national regulations.

Waste class Non-empty containers: EWC code 14 06 03* Empty containers: EWC code 15 01 04.

14. TRANSPORT INFORMATION



General

Aerosols may be carried domestically as limited quantities (1L) as long as each package does not exceed 30 kg in cardboard boxes or 20 kg on trays with shrink- or stretch wrapping. Each package shall be marked with diamond-shaped area, the top and bottom part is black, surrounded by a line that measures at least 100 mm x 100 mm.

14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

Transport labels



14.4. Packing group Not applicable

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

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

National regulations

COUNCIL DIRECTIVE of may 1975 on the approximation of the laws of the Member States relating to aerosol dispensers.

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

General information

A review of safety data sheet with staff to manage the product recommended.

Hazard statements in full

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H224 Extremely flammable liquid and vapour.

H225 Highly flammable liquid and vapour.

H229 Pressurised container: may burst 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.