

Product Provita Combat Hoofspray
 Revision date 29 August 2018
 Revision 2



Safety Data Sheet (SDS)

Section 1: Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Product name Provita Combat Hoofspray
Synonyms, Trade names No information available.

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

Identified uses Livestock hoof care.
Uses advised against Any other purpose.

1.3 Details of the supplier of the safety data sheet

Supplier Provita Eurotech Ltd.
 21 Bankmore Road
 Omagh
 Co. Tyrone
 BT79 0EU
 United Kingdom
 Tel: 02882 252352
 H&S@provita.co.uk

Contact person

1.4 Emergency telephone number

Emergency telephone

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)
 Physical and chemical hazards Flam. Liq 3- H226
 Human health Eye Irrit.2A - H319
 Environment Not classified

2.2 Label elements

Contains Benzioc Acid

Label in accordance with (EC) no. 1272/2008



Signal word Danger

Hazard statements H226 Flammable liquid and vapour.
 H319 Causes serious eye irritation.

Precautionary statements

Prevention

P210 Keep away from heat/ sparks/open flames/hot surfaces. — No smoking.
 P280 Wear protective gloves/ protective clothing/eye protection/face protection.

Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/attention.
 P370 + P378 In case of fire: Use carbon dioxide, foam, fire extinguishing powder, or dry sand for extinction.

2.3 Other hazards

None known.

Section 3: Composition/identification of ingredients

3.1 Substance

Not applicable.

3.2 Mixtures

Detailed formulation information is being withheld as Confidential Business Information as permitted by ECHA

Section 4: First aid measures

4.1 Description of first aid measures

General information	Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue.
Inhalation	If this product is inhaled and symptoms occur, move the exposed person to fresh air promptly. If breathing is difficult, oxygen should be administered by qualified personnel. If not breathing, give artificial respiration. Get prompt medical attention.
Ingestion	DO NOT induce vomiting! Get medical attention. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. Immediately rinse mouth and drink plenty of water.
Skin contact	Remove affected person from source of contamination. Immediately wash with water, preferably under a shower, removing contaminated clothing while washing proceeds. Continue to rinse for at least 15 minutes. Get medical attention if symptoms persist.
Eye contact	Do not rub eye. Avoid contaminating unaffected eye. Promptly wash eye(s) with plenty of water while lifting the eye lids. Remove contact lenses if present and easy to do so. Continue to rinse for at least 15 minutes. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	May cause respiratory irritation. Inhalation of high concentrations may cause drowsiness and dizziness.
Ingestion	Ingestion may cause central nervous system (CNS) depression. May cause irritation of the mouth and digestive tract.
Skin contact	Prolonged contact with skin may cause irritation.
Eye contact	Vapours are irritating to the eyes. Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to the physician	Treat symptomatically.
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Section 5: Fire-fighting measures**5.1 Extinguishing media**

Extinguishing media	Use fire-extinguishing media appropriate for surrounding materials. Carbon dioxide, foam, fire extinguishing powder, dry sand.
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Unsuitable extinguishing media	High volume water jet. Water may be ineffective.
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5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic or irritating gases or vapours.
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Unusual fire & explosion hazards	Be aware of possibility of re-ignition. Vapours may travel to a source of ignition. This product may give off flammable vapours when heated which may form explosive mixtures with air.
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Specific hazards	If heated, harmful vapours may be formed.
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5.3 Advice for firefighters

Special fire fighting procedures	Evacuate personnel to safe areas. Avoid breathing fire vapours. Ventilate closed spaces before entering them. Be aware of danger of explosion. If possible, fight fire from protected position. Keep up-wind to avoid fumes. Water spray should be used to cool containers.
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Protective equipment for firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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Section 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Eliminate all sources of ignition. Avoid inhalation of vapours and contact with skin and eyes. If necessary evacuate surrounding areas. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection.
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For emergency responders	Use non-sparking hand tools and explosion proof electrical equipment. Read and follow manufacturer's recommendations. Do not touch or walk through spilled material.
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For emergency responders	Follow safe handling advice and personal protective equipment recommendations for normal use of product.
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6.2 Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
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6.3 Methods and material for containment and cleaning up

Spill clean up methods	Prevent further leakage or spillage if safe to do so. Eliminate all sources of ignition. Ventilate and evacuate the area. Wear protective clothing, goggles and respirator. Use non-sparking tools or equipment for clean up. Cover drains.
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In case of a large scale of spill, dyke area with sand to stop the spill spreading. Absorb spillage with non-combustible, absorbent material - sand. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Remove waste promptly to a safe area. Wash work area with water. Wash thoroughly after dealing with a spillage.

6.4 Reference to other sections

Reference to other sections	See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.
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Section 7: Handling and storage

7.1 Precautions for safe handling

Handling

Use proper personal protection when handling (refer to Section 8). Use under well-ventilated conditions. Wear appropriate respirator when ventilation is inadequate. Avoid forming spray/aerosol mists. Avoid inhalation of vapours and contact with skin and eyes. Read and follow manufacturer's recommendations. Do not wear contact lenses. Do not mix with other chemicals. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions

Keep upright, locked up and out of reach of children. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks, direct sunlight and open flames. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

Storage class

Flammable liquid storage.

7.3 Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage description

Use only according to directions. Replace and tighten cap after use.

Section 8: Exposure controls/Personal protection

8.1 Control parameters

Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
Ethanol	OEL			1000 ppm		
Ethanol	WEL	1000 ppm	1920 mg/m ³			
propan-2-ol	OEL	200 ppm		400 ppm		
propan-2-ol	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³	

Ingredient comments

OEL - Occupational Exposure Limit - Ireland, Occupational Exposure Limits 2016.
WEL - Workplace Exposure Limits - EH40/2005 Workplace exposure limits.

8.2 Exposure Controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Provide explosion proof ventilation for high concentrations.

Respiratory equipment

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Suitable respiratory protection for lower concentrations or short-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Suitable respiratory protection for higher concentrations or long-term effect: Self-contained breathing apparatus. Use respiratory protection as specified by an industrial hygienist or other qualified professional if concentrations exceed the limits listed in Section 8. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

Hand protection

Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. Gloves must be inspected prior to use.

Suggested material: Butyl rubber. Nitrile. Break through time: >480 min. Consult manufacturer for specific advice on material.

Use proper glove removal technique (without touching glove's outer surface) to avoid skin

Eye protection	contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Other protection	Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU). Tightly fitting safety goggles (cage goggles) and face shield. Body protection must be chosen in consultation with a specialist, depending on activity and possible exposure, e.g. apron, protective boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).
Hygiene measures	Do not eat, drink or smoke during use. Wash promptly if skin becomes contaminated. Immediately take off any contaminated clothing and launder before re-use. Contaminated work clothing should not be allowed out of the workplace. Wash hands at the end of each work shift and before eating, smoking and using the toilet.
Process conditions	Ensure that eye flushing systems and safety showers are located close by in the work place.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Clear Liquid. Forms a sticky plastic like film when sprayed onto a surface.
Colour	Dark blue.
Odour	Mild alcohol odour.
Odour threshold - lower	No information available.
Odour threshold - upper	No information available.
pH-Value, Conc. Solution	4.00
pH-Value, Diluted solution	No information available.
Melting point	-113 °C.
Initial boiling point and boiling range	85.00 °C
Flash point	30.00 °C
Evaporation rate	No information available.
Flammability state	No information available.
Flammability limit - lower(%)	No information available.
Flammability limit - upper(%)	No information available.
Vapour pressure	No information available.
Vapour density (air=1)	No information available.
Relative density	No information available.
Bulk density	No information available.
Solubility	Miscible with water.
Decomposition temperature	No information available.
Partition coefficient; n-Octanol/Water	No information available.
Auto ignition temperature (°C)	No information available.
Viscosity	No information available.
Explosive properties	Not classified as explosive.
Oxidising properties	No information available.

9.2 Other information

Molecular weight	No information available.
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Volatile organic compound No information available.

Other information None noted.

Section 10: Stability and reactivity

10.1 Reactivity

Reactivity Reaction with Oxidisers.

10.2 Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Hazardous reactions Strong mineral acids and oxidising agents.

Hazardous polymerisation No Information.

Polymerisation description Unknown.

10.4 Conditions to Avoid

Conditions to avoid Heat, sparks, open flames, temperature extremes and direct sunlight. Avoid temperatures above 30 °C.

10.5 Incompatible materials

Materials to avoid Reacts with strong mineral acids and oxidising agents. Reacts with aluminium at higher temperatures.

10.6 Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicological information No toxicological data available for this product.

Acute toxicity (Oral LD50) No information available.

Acute toxicity (Dermal LD50) No information available.

Acute toxicity (Inhalation LD50) No information available.

Serious eye damage/irritation Causes serious eye damage.

Skin corrosion/irritation No information available.

Respiratory sensitisation No information available.

Skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity The product is not classified as a carcinogen hazard

Specific target organ toxicity - Single exposure:

STOT - Single exposure No information available.

Specific target organ toxicity - Repeated exposure:

STOT - Repeated exposure No information available.

Inhalation May cause respiratory irritation. Inhalation of high concentrations may cause drowsiness and dizziness.

Ingestion Ingestion may cause central nervous system (CNS) depression. May cause irritation of the mouth and digestive tract.

Skin contact Prolonged contact with skin may cause irritation.

Eye contact Vapours are irritating to the eyes. Causes serious eye irritation.

Waste management	When handling waste and waste packaging, consideration should be made to the safety precautions applying to handling of the product.
Routes of entry	No information available.
Target organs	Eyes, digestive system, respiratory system, central nervous system.
Aspiration hazards:	No information available.
Reproductive toxicity:	The product is not classified as a reproductive hazard.

Section 12: Ecological information

12.1 Toxicity

Acute toxicity - Fish	No information available.
Acute toxicity - Aquatic invertebrates	No information available.
Acute toxicity - Aquatic plants	No information available.
Acute toxicity - Microorganisms	No information available.
Chronic toxicity - Fish	No information available.
Chronic toxicity - Aquatic invertebrates	No information available.
Chronic toxicity - Aquatic plants	No information available.
Chronic toxicity - Microorganisms	No information available.
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Eco toxicological information	The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

12.2 Persistence and degradability

Degradability	The degradability of the product has not been stated.
Biological oxygen demand	No information available.
Chemical oxygen demand	No information available.

12.3 Bioaccumulative potential

Bioaccumulative potential	The product is readily biodegradable and does not bio-accumulate.
Bioaccumulation factor	No information available.
Partition coefficient; n-Octanol/Water	No information available.

12.4 Mobility in soil

Mobility	The product can enter soil when dissolved in water.
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12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB substances.
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12.6 Other adverse effects

Other adverse effects	None known.
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Section 13: Disposal considerations

Waste management	When handling waste and waste packaging, consideration should be made to the safety precautions applying to handling of the product.
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13.1 Waste treatment methods

Disposal methods	Dispose of waste and residues in accordance with local authority requirements.
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Section 14: Transport information**14.1 UN number**

UN no. (ADR)	UN1993
UN no. (IMDG)	UN1993
UN no. (IATA)	UN1993

14.2 UN proper shipping name

ADR proper shipping name	FLAMMABLE LIQUID, N.O.S. (Ethanol + propan-2-ol)
IMDG proper shipping name	FLAMMABLE LIQUID, N.O.S. (Ethanol + propan-2-ol)
IATA proper shipping name	FLAMMABLE LIQUID N.O.S. (Ethanol + propan-2-ol)

14.3 Transport hazard class(es)

ADR class	3
IMDG class	3
IATA class	3

Transport labels**14.4 Packing group**

ADR/RID/ADN packing group	III
IMDG packing group	III
IATA packing group	III

14.5 Environmental hazards

ADR	No
IMDG	No
IATA	No

14.6 Special precautions for user

EMS	F-E, S-E
Emergency action code	A3 A148
Hazard no. (ADR)	30
Tunnel restriction code	(D/E)

14.7 Transport in bulk according to annex II of MARPOL73/78 and the IBC code

Not applicable.

Section 15: Regulatory information**15.1 Safety, health and environmental regulations/Legislation specific for the substance or mixture**

EU legislation	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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006.
Approved code of practice	Workplace Exposure Limits Guidance Note EH40/2005. 2016 Code of Practice for the Chemical Agents Regulations in accordance with section 60 of the Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005).
Chemical safety assessment	No chemical safety assessment has been carried out.

Section 16: Other information

General information	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
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Revision comments	Updated revision.
Revision date	29 August 2018
Revision	2
Safety data sheet status	Approved.

Hazard statements in full

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.