

Material safety data sheet

According to Regulation (EC) 1907/2006

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

Product name : JUNGLE FORMULA BITE & STING RELIEF SPRAY
Product code : COL-3106135
Application : Consumer product.
Supplier : Omega Pharma UK
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WC1H 9BB London, Great Britain
Telephone : +44 207 554 8791
Fax : +44 207 554 8798
E-mail : andrea.sisneros@omegapharma.co.uk
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EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

GB - Telephone : +44 207 554 8791

(During office hours only)

2 HAZARDS IDENTIFICATION

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Classification : Extremely flammable.
Human health hazards : Low hazard for usual industrial or commercial handling. Exposure to high vapour concentrations may result in a narcotic effect. Use only as directed. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
Physical/chemical hazards : Extremely flammable. Keep away from sources of ignition — No smoking. Do not spray on a naked flame or any incandescent material. Do not spray near fire, sources of heat or live electrical equipment. Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50 °C.
Environmental hazards : Not classified as dangerous according to statutory EC-Directives.
Other information : Keep out of the reach of children. Caution: Do not breathe spray. Use only in well-ventilated areas. Spray in short intervals for a short period only. Ventilate well after use. Harmful to house pets.

Label elements (99/45/EC):

Hazard symbols :



F+: Extremely flammable

R- and S-phrases : R12 Extremely flammable.
S2 Keep out of the reach of children.
S16 Keep away from sources of ignition — No smoking.
S23 Aerosol Do not breathe spray.
S51 Use only in well-ventilated areas.

3 COMPOSITION / INFORMATION ON INGREDIENTS

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Product description : Preparation.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC nr.	Symbols	R-phrases
Butane	25 - 50	106-97-8	203-448-7	F+	12
Isobutane	25 - 50	75-28-5	200-857-2	F+	12
Ethanol	10 - 20	64-17-5	200-578-6	F	11

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Propane	10 - 20	74-98-6	200-827-9	F+	12
Ethanol	1 - 5	64-17-5	200-578-6	F	11
2-(2-Ethoxyethoxy)ethanol	0,1 - 1	111-90-0	203-919-7	-----	-----
Benzyl alcohol	0,1 - 1	100-51-6	202-859-9	Xn	20/22
Propan-2-ol	0,1 - 1	67-63-0	200-661-7	F, Xi	11-36-67
Propan-2-ol	0,1 - 1	67-63-0	200-661-7	F, Xi	11-36-67

Reference is made to chapter 16 for full text of each relevant R phrase. Occupational exposure limit(s), if relevant, are listed in section 8.

4 FIRST-AID MEASURES

Effects and symptoms

- Inhalation : May cause headache, dizziness and a feeling of sickness. May cause irritation to respiratory airways and coughing.
- Skin contact : May cause dry skin.
- Eye contact : May cause stinging of eyes and redness.
- Ingestion : Not applicable.

First aid measures

- Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up.
- Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor if irritation persists.
- Ingestion : Not applicable.

5 FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable : Carbondioxide (CO2). Alcohol resistant foam. Dry chemical. Water fog.
- Not suitable : Water jet.

- Special exposure hazards : Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50 °C. Do not expose emergency personnel to overheated aerosol containers. Water may be used to cool container and prevent explosion of the aerosol.

- Hazardous thermal decomposition products : Carbon monoxide may be evolved if incomplete combustion occurs.

- Special protective equipment for fire-fighters : Fight a fire where aerosols are involved from a protected position. Use adequate respiratory equipment in case of insufficient ventilation.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material. See also section 8. Do not breathe vapours and/or spray. Keep away from sources of ignition — No smoking. Build up of highly flammable gasses involves an explosion risk. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.
- Environmental precautions : Avoid release of product into sewers, surface water and/or ground water.
- Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Collect cans in an approved container. Do not pierce aerosols. Wash away remainder with plenty of water and soap.
- Other information : Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

7 HANDLING AND STORAGE

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Handling	: Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Important: Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use. Keep away from sources of ignition — No smoking. Do not spray on a naked flame or any incandescent material. Do not spray near fire, sources of heat or live electrical equipment. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Do not breathe spray. Do not breathe vapour. Avoid contact with skin and eyes.
Storage	: Keep frost-free, in a cool (< 35°), dry and well-ventilated place. Protect from sunlight and keep away from heat.
Recommended packaging	: Not applicable.
Use	: Use only as directed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures	: Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.
Hygienic measures	: When using do not eat, drink or smoke.
Occupational exposure limits	: Occupational exposure limits have not been established for this product.

Workplace exposure limits (mg/m³):

Chemical name	Country	TWA 8 hour	STEL 15 min	Comments
Propan-2-ol	GB	999	1250	-
Ethanol	GB	1920	-	-
Butane	GB	1450	1810	-

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection	: Use of specific protective industrial clothing is not required under normal conditions of use.
Respiratory protection	: Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.
Hand protection	: Under normal conditions of use specific gloves are not required.
Eye protection	: Wear appropriate safety glasses when there is danger of possible eye contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Aerosol.	
Colour	: Colourless.	
Odour	: Perfumed.	
pH	: Not applicable.	Almost waterfree product.
Solubility in water	: Soluble.	
Partition coefficient (n-octanol/water)	: Not known.	
Flash point	: Not applicable.	Extremely flammable.
Auto ignition temperature	: > 252 °C	
Boiling point/boiling range	: Not applicable.	
Melting point/melting range	: Not known.	
Explosion limits (in air)	: Not known.	Lower explosion limit in air (%): Isobutane (1,3) Upper explosion limit in air (%): Ethanol (19)
Oxidising properties	: Not applicable.	Does not contain oxidizing substances.
Decomposition temperature	: Not applicable.	
Viscosity (20°C)	: Not known.	
Viscosity (40°C)	: Not known.	
Vapour pressure (20°C)	: 2,7 bar Pa	
Vapour density (20°C)	: Not known.	(air = 1)

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Relative density (20°C) : 0,6 g/ml
Evaporation rate : Not applicable. (n-butyl acetate = 1)

10 STABILITY AND REACTIVITY

Stability : Stable under normal conditions.
Conditions to avoid : Keep away from sources of ignition and sources of heat. See section 7.
Materials to avoid : Not applicable.
Hazardous decomposition products : Not known.
Reactivity : No other hazardous reactions known.

11 TOXICOLOGICAL INFORMATION

No toxicological research has been carried out on this product.

Inhalation

Acute toxicity : Calculated LC50: 11,774 mg/l. Ingredients of unknown toxicity: 3 %. ATE: > 5 mg/l. May cause headache, dizziness and a feeling of sickness.
Corrosion/irritation : May cause irritation to respiratory airways and coughing.
Mutagenicity : Not classified due to lack of data.

Skin contact

Acute toxicity : Calculated LD50: 2472 mg/kg.bw. Ingredients of unknown toxicity: 79 %. ATE: > 2000 mg/kg.bw.
Corrosion/irritation : Prolonged contact may dry out and defat the skin.

Eye contact

Corrosion/irritation : Slight irritation possible.

Ingestion

Acute toxicity : Not applicable.

p-menthan-3-one

<no chemical translation>		Mutagenicity	Negative	-----	test
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12 ECOLOGICAL INFORMATION

No ecotoxicological research has been carried out on this product.

Ecotoxicity : No specific information known. Not classified as dangerous for the aquatic environment. May form an oil film on the water surface causing a decline in oxygen content with possible adverse effects for aquatic organisms.

Mobility : Not applicable.

Persistence – degradability : No specific information known.

Bioaccumulative potential : No specific information known.

PBT/vPvB assessment : Not applicable.

Other information : Not applicable.

13 DISPOSAL CONSIDERATIONS

Product residues : Recyclable metal container. Do not puncture or burn even after use. Do not dispose empty pack with regular household waste. Do not dispose into the environment, in drains or in water courses. Treat product residues and non-empty pack as hazardous waste.

European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.

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Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

14 TRANSPORT INFORMATION

UN nr. : UN 1950
Transport name : AEROSOLS

ADR/RID (road / railway)

Class : 2
Classification code : 5F
Packaging group : -
Danger label : 2,1



IMDG (sea)

Class : 2
Packaging group : -
EmS (fire / spill) : F - D / S - U
Marine pollutant : No

IATA (air)

Class : 2

Other information : Country specific variations may apply.

15 REGULATORY INFORMATION

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Community regulations : EC Directive 67/548/EEC (substances), 99/45/EC (preparations) and other regulations.

Additional labelling :

Other information : The packaging shall carry the text: Important: Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition — No smoking. Keep out of the reach of children. In the UK it is recommended that all aerosols should be labelled on the back with the warning about the dangers of volatile solvent abuse. The label should contain the badge 'Solvent Abuse Can Kill Instantly' accompanied by the phrase 'Use only as directed'.



16 OTHER INFORMATION

The information in this safety data sheet is compiled in compliance with Regulation (EC) 1907/2006 dated 18 December 2006 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

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Full text of R-phrases mentioned in section 3:

R11	Highly flammable.
R12	Extremely flammable.
R20/22	Harmful by inhalation and if swallowed.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

Number format : "," used as decimal separator.

History

Date of first issue : 03-12-2010