

SAFETY DATA SHEET
ACANA CARPET & FABRIC MOTH KILLER & FRESHENER SPRAY

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ACANA CARPET & FABRIC MOTH KILLER & FRESHENER SPRAY

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

Identified uses Perfumed Moth Killer.

Uses advised against Not for use on persons or animals as a repellent.

1.3. Details of the supplier of the safety data sheet

Supplier Acana Limited
Cumberland House
35 Park Row
Nottingham
NG1 6EE
UK
Tel: +44 (0) 115 988 6077

1.4. Emergency telephone number

+44 (0) 115 988 6077
09:00 - 17:00 Monday - Friday

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) N;R50/53.

Human health

The product is not classified as hazardous to health.

Environment

The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

2.2. Label elements

Labelling



Dangerous for the environment

Risk Phrases

R50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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Safety Phrases

S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S2	Keep out of the reach of children.
S46	If swallowed, seek medical advice immediately and show this container or label. Concentration of active substance TRANSFLUTHRIN: ca. 0.1%w/w.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

ALCOHOLS, C16-18, ETHOXYLATED (>2.5 moles EO)	0.5-5.0%
CAS-No.: 68439-49-6	EC No.:
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.
METHOXY METHYL BUTANOL	0.5-5.0%
CAS-No.: 56539-66-3	EC No.: 260-252-4
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36.
PROPYLENE GLYCOL	0.2-0.8%
CAS-No.: 57-55-6	EC No.: 200-338-0
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.
TRANSFLUTHRIN	< 1%
CAS-No.: 118712-89-3	EC No.: 405-060-5
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) Xi;R38 N;R50/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

Insecticide, fragrance and additives presented in a water-based spray.

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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

In case of inhalation of spray mist: Move person into fresh air and keep at rest. Get medical attention if any discomfort continues.

Ingestion

Unlikely to occur during normal use, however if swallowing does take place: Rinse mouth with water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately!

Skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation

May cause irritation to the respiratory system.

Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact

Unlikely to occur, however prolonged contact with skin may cause minor irritation and/or redness.

Eye contact

May cause irritation to the eyes.

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

The severity of the symptoms described will vary dependant of the concentration and the length of exposure. Splash in eye requires examination by eye specialist. Contains: TRANSFLUTHRIN (EC No. 405-060-5). (Insecticide)

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

The product contains low quantities of organic materials. During fire, toxic gases (CO, CO₂) are formed.

Unusual Fire & Explosion Hazards

Burning may produce some heavy smoke.

Specific hazards

The product contains low quantities of organic materials. During fire, toxic gases (CO, CO₂) are formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Move container from fire area if it can be done without risk. Contains: TRANSFLUTHRIN (EC No. 405-060-5). (Insecticide) Avoid release to the environment. Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Large Spillages: Evacuate all non-essential personnel.

6.2. Environmental precautions

Do not allow ANY environmental contamination. Do not discharge into drains, water courses or onto the ground. Do not allow to enter the soil/subsoil. Larger spillages which contaminate the environment should be reported to the local authorities.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Provide good ventilation. Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Wash contaminated area with water. Do not let washing down water contaminate ponds or waterways. Collect washing down water in a suitable container, and label with correct contents and hazard symbol. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for more detailed information on health effects and symptoms. Collect and dispose of spillage as indicated in section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Do not handle broken packages without protective equipment. Avoid contact with eyes, and prolonged skin contact. Avoid inhalation of spray mists. Do NOT ingest. Do not eat, drink or smoke when using the product. NOTE: Ensure product's trigger spray is pointing away from the face before pressing trigger. Instructions for use: UNLOCK safety trigger. Prime spray (1st time only) by pulling the trigger firmly 2 or 3 times with forefinger. Spray uniformly onto carpet or fabric to be treated from approx 50cm away. Leave carpet or fabric to dry (approx 15 mins) before re-using. Always LOCK the safety trigger after use. Coverage: 20 g content per m², corresponding to 0.45 g content per carpet sized 15 x 15 cm = 225 cm², (example: 500 mL pack covers approximately 25 m²).

7.2. Conditions for safe storage, including any incompatibilities

Keep out of reach of children and pets. Keep away from food, drink and animal feeding stuffs. Store in a well ventilated area.

7.3. Specific end use(s)

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPYLENE GLYCOL	WEL	150 ppm	10 mg/m ³			
TRANSFLUTHRIN			4.7 mg/m ³			SUP = Supplier's recommendation.

WEL = Workplace Exposure Limit.

8.2. Exposure controls

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Engineering measures

Provide adequate ventilation.

Respiratory equipment

Respiratory protection is not required during normal use of the product. However, respiratory equipment may be required during the cleaning up of large spillages to protect against hazardous vapours.

Hand protection

Under normal usage conditions gloves are not required. Protective gloves should be worn when dealing with a spillage or damaged products. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Avoid contact with eyes. Ensure product's trigger spray is pointing away from the face before pressing trigger. Eye protection may be required (safety glasses / goggles) when dealing with spillages or if contact of the liquid with the eye is probable.

Other Protection

When dealing with a large spillage: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Wash hands after handling. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Semi-transparent.
Odour	Lavender.
Solubility	Soluble in water.
Initial boiling point and boiling range (°C)	~100°C 760 mm Hg
Melting point (°C)	~0°C
Relative density	No information available.
Vapour density (air=1)	No information available.
Vapour pressure	No information available.
Evaporation rate	No information available.
pH-Value, Conc. Solution	No information available.
Viscosity	No information available.
Decomposition temperature (°C)	No information available.
Odour Threshold, Lower	No information available.
Odour Threshold, Upper	No information available.
Flash point (°C)	No information available.
Auto Ignition Temperature (°C)	No information available.
Flammability Limit - Lower(%)	No information available.
Flammability Limit - Upper(%)	No information available.

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Partition Coefficient (N-Octanol/Water)

Not determined.

Explosive properties

Not considered to be explosive.

Oxidising properties

Does not meet the criteria for oxidising.

9.2. Other information

Not known.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Not known.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Acute Toxicity (Oral LD50)

No information available.

Based on available data the classification criteria are not met.

Acute Toxicity (Dermal LD50)

No information available.

Based on available data the classification criteria are not met.

Acute Toxicity (Inhalation LC50)

No information available.

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Not irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

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Germ cell mutagenicity:

Genotoxicity - In Vitro

No information available.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

No information available.

Based on available data the classification criteria are not met.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

No information available.

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

No information available.

Not classified as a specific target organ toxicant after repeated exposure.

Toxicological information on ingredients.

ACANA CARPET & FABRIC MOTH KILLER & FRESHENER SPRAY
TRANSFLUTHRIN (CAS: 118712-89-3)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

Various suppliers' data.

Acute Toxicity (Dermal LD50)

> 5000 mg/kg Rat

Various suppliers' data.

Acute Toxicity (Inhalation LC50)

> 0.513 mg/l (aerosol) Rat 4 hours

Various suppliers' data.

Skin Corrosion/Irritation:

Irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Respiratory sensitisation

No information available.

Skin sensitisation

Buehler test: Guinea Pig

Various suppliers' data.

Not Sensitising.

Germ cell mutagenicity:

Genotoxicity - In Vitro

No information available.

Carcinogenicity:

Carcinogenicity

No information available.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

No information available.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

No information available.

ACANA CARPET & FABRIC MOTH KILLER & FRESHENER SPRAY
PROPYLENE GLYCOL (CAS: 57-55-6)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 20000 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 317042 mg/m³ Rabbit 2 hours.

REACH dossier information

Skin Corrosion/Irritation:

Not irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Skin sensitisation

Guinea pig maximization test (GPMT): Guinea Pig

REACH dossier information

Not Sensitising.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

NOAEL 2100 mg/kg/day Oral Rat

REACH dossier information

Based on available data the classification criteria are not met.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Multigeneration study: NOAEL 10100 mg/kg/day Oral Rat F1

REACH dossier information

Based on available data the classification criteria are not met.

Reproductive Toxicity - Development

Developmental toxicity: NOAEL 10400 mg/kg/day Oral Mouse

REACH dossier information

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 1700 mg/kg/day Oral Rat

REACH dossier information

Target Organs

No specific target organs noted

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ALCOHOLS, C16-18, ETHOXYLATED (>2.5 moles EO) (CAS: 68439-49-6)

Toxicological information

No information available.

METHOXY METHYL BUTANOL (CAS: 56539-66-3)

Toxicological information

No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

Acute Fish Toxicity

Very toxic to aquatic organisms.

Ecological information on ingredients.

TRANSFLUTHRIN (CAS: 118712-89-3)

Acute Toxicity - Fish

LC50 96 hours 0.0007 mg/l Onchorhynchus mykiss (Rainbow trout)

Various suppliers' data.

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 0.0017 mg/l Daphnia magna

Various suppliers' data.

Acute Toxicity - Aquatic Plants

IC50 72 hours > 0.1 mg/l Desmodemus subspicatus

Various suppliers' data.

PROPYLENE GLYCOL (CAS: 57-55-6)

Acute Toxicity - Fish

LC50 96 hours 40613 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

LC50 48 hours 18340 mg/l Ceriodaphnia dubia

REACH dossier information

Acute Toxicity - Aquatic Plants

EC50 48 hours 19000 mg/l Marinewater algae

REACH dossier information

ALCOHOLS, C16-18, ETHOXYLATED (>2.5 moles EO) (CAS: 68439-49-6)

Acute Fish Toxicity

No information available.

METHOXY METHYL BUTANOL (CAS: 56539-66-3)

Acute Fish Toxicity

No information available.

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

12.4. Mobility in soil

Mobility:

Soluble in water and may spread through the soil.

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12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Contains: TRANSFLUTHRIN (EC No. 405-060-5). (Insecticide) Effective for the control of webbing clothes moths.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product should be completely empty before disposal. Dispose of empty products in accordance with local authority requirements. Waste from spillages: Recover and reclaim or recycle, if practical. In accordance with current local and national regulations, waste may be taken to a waste disposal site or incineration plant.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082

14.2. UN proper shipping name

Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRANSFLUTHRIN, 4-TERT.BUTYLCYCLOHEXYL ACETATE)
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14.3. Transport hazard class(es)

ADR/RID/ADN Class	9
ADR/RID/ADN Class	Class 9: Miscellaneous dangerous substances and articles.
ADR Label No.	9
IMDG Class	9
ICAO Class/Division	9
Transport Labels	



14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

ACANA CARPET & FABRIC MOTH KILLER & FRESHENER SPRAY



14.6. Special precautions for user

EMS	F-A, S-F
Emergency Action Code	•3Z
Hazard No. (ADR)	90
Tunnel Restriction Code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

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

Guidance Notes

Workplace Exposure Limits EH40.

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.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Change to formulation: Preservative substituted.

Revision Date 06-2013

Revision 1

Supersedes date 02-2013

Risk Phrases In Full

R22 Harmful if swallowed.

R36 Irritating to eyes.

R38 Irritating to skin.

NC Not classified.

R41 Risk of serious damage to eyes.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.