

Revision Date: 05th March 2020**SAFETY DATA SHEET****Acana Fragranced Carpet & Fabric Moth Killer & Freshener****According to Regulation (EC) No 1272/2008,CLP, as amended.****SECTION 1: Identification of the substance/mixture and of the company/undertaking**

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1.1. Product identifier**Mixture Identification:** Acana Fragranced Carpet & Fabric Moth Killer & Freshener**Product Name :** Acana Fragranced Carpet & Fabric Moth Killer & Freshener**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses :** Relevant identified uses of the substances or mixture and uses advised against.**Recommended use :** Anti-moth and Air freshener for small spaces.**Uses advised against :** Not for personal contact use in this form or concentration.**Contains Geraniol :** Skin Sensitiser**1.3. Details of the supplier of the safety data sheet.**

Supplier Acana Ltd.
Stanford House, 19 Castle
Gate, Nottingham,
NG1 7AQ, UK
T: +44 (0) 115 824 9707
F: +44 (0) 115 824 9717
Email : info@acana.co.uk

1.4. Emergency telephone number



Emergency telephone +44 (0) 115 824 9707
(08:00 - 16:00h Monday - Friday)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****EC Regulation Classification (EC 1272/2008) CLP Criteria****Physical hazards** Warning, Hazardous**Health hazards** Warning, Hazardous**Environmental hazards** Warning, Environmental Hazards**2.2. Label elements**

Hazard statements Signal word: Warning: Exclamatory sign!
. Causes Serious Eye Damage Cat. 1, Skin Irritation Cat.2; Skin Sensitisation.
. Flammable; STOT SE 3; Asp. Tox. 1; Repr. 2

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Pictograms			
Signal Word	GHS07 Warning Eye Irritation 2 & Skin Irritation 1		
Hazard Statements	H315; H319	Irritating to Skin & Eyes	
	H317	Skin Sensitisation	
	H319 , Category 2 Serious Eye Irritation	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses in present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.	
	H400	Aquatic Acute 1, Very toxic to aquatic life.	
	H410	Aquatic Chronic 1, Very toxic to aquatic life with long lasting effects.	
Precautionary Statements	P280	Wear protective gloves/protective clothing/eye protection/face protection.	
	P101	If medical advice is needed, have product container or label at hand.	
	P102	Keep out of reach of children.	
	P103	Read label before use.	
	P302 + P305+P351+P338	IF ON SKIN: Wash with plenty of soap and water. IIF IN EYES: rinse cautiously with water for several minutes. In necessary remove contact lenses, if present and easy to do. Continue rinsing.	
	P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.	
	P273	Avoid Release to the environment.	
	P391	Collect Spillage.	
	P501	Dispose of contents/container in accordance with local/regional/national regulation.	

Labelling notes**Supplemental Hazards** : Adverse physicochemical, human health and environmental effects**Statements** : **H319** to declare on label with Symbol shown above.**Sensitisation Effects** : **H317**; contains Geraniol sensitiser; may cause allergic reaction.**Environmental Warnings** : **H400 & H410** 

Precautionary statements If medical advice in needed, have product container or label at hand. Keep out of reach of children; read label before use; Wear protective gloves/protective clothing/eye protection/face protection; wash skin thoroughly after handling

2.3 Other hazards:

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher : None



















Other Hazards:

No other Hazards.

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3.1 Substances : N/A

3.2 Mixtures: Compound is blended with chemicals listed in table below within each ingredient concentration:

CAS No.	EC No.	Index Number	REACH Registration No.	Name	% (W/W)	Classification according to Regulation (EC) No. 1278/2008 (CLP)
106-24-1	203-377-1		01-2119552430-49	Geraniol	>=0.5 - <1	 3.2/2 Skin Irrit. 2; H315  3.3/1 Eye Dam.1 H318  3.4.2/1 Skin Sens.1 317
118712-89-3	405-060-5	607-223-00-8		Transfluthrin (ISO); 2,3,5,6-tetra Benzyl trans 2-(2,2-dichlorovinyl) -3,3-dimethylcyclopropanecarboxylate	984ppm	 4.1/C1 Aquatic Chronic 1; H410  4.1/A1 Aquatic Acute 1 H400 M=1000;  3.2/2 Skin Irrit. 2 H315
108-88-3	203-625-9	601-021-00-3		Toluene	2ppm	 2.6/2 Flam. Liq.2 H225  3.7/2 repr.2 H361  3.9/2 STOT RE 2 H373  3.10/1 Asp. Tox. 1 H304  3.2/2 Skin Irrit. 2 H315  3.8/3 STOT SE 3 H336
541-85-5	208-793-7	606-020-00-1		5-methylheptan-3-one	3ppb	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336  3.3/2 Eye Irrit.2 H319  3.8/3 STOT SE H335
101-84-8	123-92-2	607-130-00-2	01-21195484 08-32	Pentyl acetate	<1ppb	 2.6/3 Flam. Liq. 3 H226 EUH066
101-84-8	202-981-2			1,1'- Oxybis-benzene	<1ppb	 3.3/2 Eye Irrit. 2 H319

Composition:**Ingredients:** Contains essential oil of Geraniol for fragrance in a mixture of Anti-Moth ingredients.

Acana Fragranced Carpet & Fabric Moth Killer & Freshener**SECTION 4: First aid measures****4.1. Description of first aid measures****General information :**

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation : If breathed in , move person into fresh air . If not breathing, give artificial respiration. Consult a physician. Otherwise blow the nose, rinse the mouth and drink water to wash throat.

Swallowed : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Skin contact : Wash off with soap and plenty of water immediately. If skin irritation or rash appears Consult a physician.

Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes & consult a physician.

Ingestion : Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

Protection of first aiders**4.2. Most important symptoms and effects, both acute and delayed**

General information: Most important symptoms and effects, both acute and delayed

. See section 2.2 for labelling & in 11 for toxicological effects.

. Ingestion : None known

. Skin contact : Irritation

. Eye contact : Irritation / Damage

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

Notes for the doctor No data available

Specific treatments**SECTION 5: Firefighting measures****5.1. Extinguishing**

Suitable extinguishing media : Use water spray, alcohol-resistant foam; dry chemical or carbon dioxide.

Unsuitable extinguishing media

5.2. Special hazards arising from the substance or mixture

Specific hazards : Do not inhale explosion and combustion gases.

Hazardous combustion : Burning produces heavy smoke products

5.3. Advice for firefighters :

Protective actions during : Wear self-contained breathing apparatus(SCBA) for firefighting , if necessary.

Firefighting for firefighters

5.4 Special protective equipment : Use respirators with combined gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

Acana Fragranced Carpet & Fabric Moth Killer & Freshener**SECTION 6: Accidental release measures**

6.1. Personal precautions : (1) Use personal protective equipment. (2) Avoid dust formation (3) Avoid breathing vapours, mist or gas (4) Ensure adequate ventilation (5) Avoid breathing dust.

(i) Wear personal protection equipment (ii) Remove all sources of ignition (iii) Remove persons to safety (iv) **See Protective measures under point 7 & 8.**

6.2. Environmental precautions : Do not allow to into soil/subsoil. Do not allow to enter surface water or drains. Retain contaminated washing water and dispose it safely. In case of gas escape or of entry into waterways, soil, or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Dispose it complying to local regulations currently in force concerning waste disposal.

6.4. Reference to other sections : For disposal see section 8 & 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling: Avoid contact with skin and eyes; inhalation of vapours. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities: Store in cool, dry place. Keep container tightly closed in a dry and well ventilated place. Keep away from food, drink and feed.

Incompatible materials: None in particular.

Instructions as regards storage premises: Store the packaged material in fresh and airy premises, protect from sunlight or direct light and from moisture.

7.3. Specific end use(s) : Perfumed anti-moth for domestic use.

SECTION 8: Exposure controls/Personal protection**8.1. Control parameters**

Occupational exposure limits : Components with workplace control parameters.

.transfluthrin (ISO); 2,3,5,6-tetrafluorobenzyl

.trans-2-(2,2-dichlorovinyl)-3,3-dimethylcyclopropanecarboxylate – CAS: 118712-89-3

ACGIH – TWA: 4.7 mg/m³ – Notes: Internal Bayer Crop Science 'Occupational Exposure Standard'

.Toluene – CAS: 108-88-3

EU -TWA (8h): 192mg.m³, 50ppm -STEL: 384mg.m³, 100ppm – Notes: Skin ACGIH – TWA(8h):20ppm – NotesA4, BEI – Visual impair, female repro, pregnancy loss

.5-methylheptan-3-one -CAS:541-85-5

EU – TWA(8): 10ppm – Notes: Neurotoxicity

.Pentyl acetate: - CAS: 123-92-2

EU -TWA(8h): 270mg/m³, 50ppm – STEL: 540mg/m³, 100ppm

ACGIH – TWA(8h):50ppm 0 STEL:100ppm -Notes: URT irr

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8.2. Exposure controls**Appropriate engineering controls****Eye/face protection** : Not needed for normal use. In case of eye contact, wash thoroughly with plenty of water.**Other skin and body protection** : Not needed for normal use. In case of eye contact, wash thoroughly with water and soap.**Hand, Skin, Body Respiratory protection:** to be handled in accordance with good hygiene and safety.

Wash hands before breaks and end of work day.

Respiratory protection : Not needed for normal use. In case of vapours inhalation, blow the nose, rinse the mouth and drink water to wash throat.**Thermal Hazards** : None**Environmental Hazards** : None**Appropriate engineering controls** : None**Environmental exposure controls** : Do not let product enter drains.**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance** : Slightly Yellowish Liquid**Colour** : Yellowish**Odour** : Argumes as per standard**Odour threshold** : As per standard**pH** : No data available**Melting point** : No data available**Initial boiling point and range** : No data available**Flash point** : No data available**Evaporation rate** : No data available**Upper/lower flammability or explosive limits****Vapour pressure** : No data available**Vapour density** : No data available**Relative density** : No data available**Solubility(ies)** : Water Soluble.**Partition coefficient** : No data available

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Auto-ignition temperature	: No data available
Decomposition Temperature	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
9.2. Other information	: No other information available

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SECTION 10: Stability and reactivity

10.1. Reactivity	: Stable under normal conditions.
10.2. Chemical stability	: Stable under normal storage conditions.
10.3. Possibility of hazardous reactions	: None
10.4. Conditions to avoid	: Stable under normal conditions.
10.5. Incompatible materials	: None in particular
10.6. Hazardous decomposition products:	Other decomposition products – No data available

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Toxicological effects Information given is applicable to the product as supplied.

a)Acute toxicity - oral

Notes (oral LD₅₀) – Rat – 3600mg/kg

Acute toxicity - dermal

Notes (dermal LD₅₀) – Rabbit – 5000mg/kg

Acute toxicity – inhalation – Not Available

Notes (inhalation LC₅₀)

b)Skin corrosion/irritation : See above dermal LD50 -Skin Corrosive – Route Skin –
Species: Rabbit Positive

Animal data

c)Serious eye damage/irritation :Eye contact – Rabbit: Result- Species – Rabbit Positive

d)Respiratory sensitisation : No available information

Skin sensitisation : No available information

e)Germ cell mutagenicity : No available information

f)Genotoxicity - in vitro : No available information

g)Carcinogenicity : No available information

Carcinogenicity : No available information

IARC carcinogenicity : No available information

i)Reproductive toxicity : No available information

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Reproductive toxicity-fertility	: No available information
Reproductive toxicity-development	: No available information
j) Specific target organ toxicity - single exposure	: No available information
STOT - single exposure	: No available information
Specific target organ toxicity - repeated exposure	: No available information
STOT - repeated exposure	: No available information
Aspiration hazard	: No available information
General information	: No available information
Inhalation	: No available information
Ingestion	: No available information
Skin contact	: No skin irritation (Rabbit test)
Eye contact	: Moderate eye Irritation
Route of exposure Dermal	: No Skin Irritation on Skin Corrosion/irritation test
Target organs	: No data available

SECTION 12: Ecological information

Ecotoxicity : Adopt good working practices, so that the product is not released into environment.

Acana Trigger A9 Agrumato is classified: Aquatic Acute 1 – H400; Aquatic Chronic 1 -H410

.Geraniol – CAS No.: 106-24-1

- a) **Aquatic acute toxicity:**Endpoint:LC50 – Species: Fish=3.2mg/l – Duration hr:96hr
 Endpoint:LC50 - Species: Micro-organisms (*Pseudomonas Putida*)=70mg/l – Duration hr:0.5

.Transfluthrin (ISO): 2,3,5,6-tetrafluorobenzyl trans-2(2,2-dichlorovinyl)-3,3-dimethylcyclopropanecarboxylate
 – CAS No.: 118712-89-3

- a) **Aquatic acute toxicity:**Endpoint:LC50 – Species: *Oncorhynchus mykiss* (Rainbow trout)=0.0007mg/l- Duration hr:96
 Endpoint:LC50 – Species: *Daphnia Magna* (Water flea)=0.0012mg/l-Duration hr:48
- e) **Plant toxicity:** Endpoint:IC50 – Species: *Desmodesmus Subspicatus* (green algae)>0.44mg/l-
 Duration hr:72 – Notes:No acute toxicity at highest water solubility concentration.
 Endpoint:NOEC – Species:*Desmodesmus Subspicatus* (green algae)>0.017

f) **. 5-methylheptan-3-one -CAS No.:541-85-5**

- a) **Aquatic acute toxicity:** Endpoint:LC50 – Species: Fish = 80mg/l – Duration :24

. pentyl acetate: CAS No:123-92-2

- a) **Aquatic acute toxicity:** Endpoint:LC50 – Species: Algae=450mg/l – Duration hr:72
 Endpoint:LC50- Species: *Daphnia*=42mg/l – Duration hr:48

12.2 Persistence and degradability

None

. transfluthrin (ISO):2,3,5,6-tetrafluorobenzyl trans-2-(2,2-dichlorovinyl)-3,3- dimethylcyclopropanecarboxylate.

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CAS 118712-89-3

Biodegradability: Non-readily biodegradable – Notes: transfluthrin Koc>4000

12.3 Bio accumulative potentialtransfluthrin (ISO):2,3,5,6-tetrafluorobenzyl trans-2-(2,2-dichlorovinyl)-3,3- dimethylcyclopropanecarboxylate.
CAS 118712-89-3

Bioaccumulation: Not bio accumulative – Test: BCF -Bioconcentration factor 1.607.

Notes: It does not bio-accumulate.

12.4 Mobility in soiltransfluthrin (ISO):2,3,5,6-tetrafluorobenzyl trans-2-(2,2-dichlorovinyl)-3,3- dimethylcyclopropanecarboxylate.
CAS 118712-89-3

Mobility in soil: Not mobile – Notes: Not movable in soil.

12.5 Results of PBT and vPvB assessment

vPvB Substances: None – PBT Substances: None

12.6 Other adverse effects: None**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

General information : Offer surplus and non-recyclable solutions to a licensed disposal company.

Disposal methods : Dispose through a local and national regulations currently in force..

Contaminated packaging: Dispose through licenced disposal authority currently in force.

SECTION 14: Transport information**General****14.1. UN number**

ADR-UN Number 3082

IATA-UN Number 3082

IMDG-UN Number 3082

14.2. UN proper shipping name**ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID**

. ADR-Shipping Name N.O.S.transfluthrin (ISO);2,3,5,6-tetrafluorobenzyl trans-2-(2,2-dichlorovinyl)-3,3-dimethylcyclopropanecarboxylate, Limonene)

. IATA-Shipping Name N.O.S.transfluthrin (ISO);2,3,5,6-tetrafluorobenzyl trans-2-(2,2-dichlorovinyl)-3,3-dimethylcyclopropanecarboxylate, Limonene)

. IMDG-Shipping Name N.O.S.transfluthrin (ISO);2,3,5,6-tetrafluorobenzyl trans-2-(2,2-dichlorovinyl)-3,3-dimethylcyclopropanecarboxylate, Limonene)

14.3. Transport hazard class(es)

. ADN-Class: 9

. ADN-Hazard identification number: 9

. RID-Class: 9

. RID-Label: 9

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. ADR-Packing Group	III
. IATA-Packing Group	III
. IMDG-Packing Group	III
. RID	NA

Transport hazard class(es)(RID)

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14.5 Environmental hazards

IMDG: Marine pollutant – Yes

IATA:



. ADR-Environmental Pollutant: YES

IMDG-Marine pollutant: Marine Pollutant

Most important toxic component: transfluthrin(ISO);2,3,5,6- tetrafluorobenzyltrans-2-(2,2-dichlorovinyl)-3,3- Dimethylcyclopropanecarboxylate

14.6. Special precautions for user

ADR- Subsidiary risks:

ADR- S.P 274- 335 375 601

ADR- Transport category (Tunnel restriction code):3(-)

IATA-Passenger Aircraft 964

IATA- Cargo Aircraft 964

IATA-S.P. A97 A158 A197

IATA ERG 9L

IMDG-Stowage and handling Category A

IMDG-EmS F-A, S-F

14.6. Special precautions for user No data available**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code : No****SECTION 15: Regulatory information**

15.1. This safety data sheet complies with the requirements of Regulations (EC) No. 1907/2006 REACH, updated with Regulations (EU) 1272/2008, CLP.

15.2. Chemical safety assessment: For this product a chemical safety assessment has not been carried out. It was based on its use by the consumer.

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Hazard class and hazard category	Code	Description
Flam. Liq.2	2.6/2	Flammable liquid, Category 2
Flam. Liq.3	2.6/3	Flammable liquid, Category 3
Asp Tox., 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit.2	3.2/2	Skin Irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye Damage, Category 1
Eye irrit. 2	3.3/2	Eye irritation ,Category 2
Skin Sens. 1	3.4.2/1	Skin sensitisation, Category 1
Repr .2	3.7/2	Reproductive Toxicity, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity-Single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity-repeated exposure ,Category 2
Aquatic Acute 1	4.1/A1	Acute Aquatic hazard, Category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, Category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, Category 2

Classification and procedure used to drive the classification for mixtures according to Regulation(EC)1272 CLP

Classification according to Regulation (EC) Nr. 1272/2008	Classification Procedure
Aquatic Acute 1, H400	Calculation method
Aquatic Chronic 1, H410	Calculation method

Originally this information is obtained from a document prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN – Environmental Chemicals Data and information Network – Joint Research Centre, Commission of European Communities.

This document was further prepared by a component person who has gained appropriate training from UK Regulatory based on using supplied information without 100% product formulation.

Revision comments Classification according to EC 1272/2008 (CLP).**Revision date : 08th March 2020****SDS number : PO Number 12061****Hazard statements in full**

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.