



SAFETY DATA SHEET SNAP'EM GEL - ANISEED

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

1.1. Product identifier

Product name SNAP'EM GEL - ANISEED
Product code SNAPG-AN

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

Identified uses Used for the attraction of rodent pests

REACH No. : A registration number is not available for this substance

1.3. Details of the supplier of the safety data sheet

Supplier Russell IPM,
45 First avenue
Deeside Industrial Park
Deeside,
Flintshire
CH5 2NU
TEL: +44 (0) 1244 281333
FAX: +44 (0) 1244 281878
info@russellipm.com

1.4. Emergency telephone number

+44 (0) 1244 281333 9am - 5pm GMT

SECTION 2: HAZARDS IDENTIFICATION

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Flammable Liquid, Hazard Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Germ Cell Mutagenicity Category 2
Carcinogenicity Category 2
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H225, Highly flammable liquid and vapour.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H341, Suspected of causing genetic defects (exposure route).
H351, Suspected of causing cancer (exposure route).
H412, Harmful to aquatic life with long lasting effects.

Classification under Directive 1999/45/EC

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Hazard symbols: F, Highly flammable.
Xn, Harmful.
N, Dangerous for the environment.

Risk phrases: R11, Highly flammable.
R36, Irritating to the eyes.
R40, Limited evidence of a carcinogenic effect.
R43, May cause sensitisation by skin contact.
R68, Possible risk of irreversible effects (mutagenic category 3).
R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Signal word: Danger

Hazard statements: H225, Highly flammable liquid and vapour.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H341, Suspected of causing genetic defects (exposure route).
H351, Suspected of causing cancer (exposure route).
H412, Harmful to aquatic life with long lasting effects.

Supplemental Information: EUH208, Contains Limonene, Linalool. May produce an allergic reaction.

Precautionary statements: P202, Do not handle until all safety precautions have been read and understood.
P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking. P233, Keep container tightly closed.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge. P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313, IF exposed or concerned: Get medical advice/attention.
P333/313, If skin irritation or rash occurs: Get medical advice/attention. P337/313, If eye irritation persists: Get medical advice/attention. P363, Wash contaminated clothing before reuse.

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P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P403/235, Store in a well-ventilated place. Keep cool.

P405, Store locked up.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (DSD) 67/548/EEC	Classification for (CLP) 1272/2008
Ethanol	64-17-5	200-578-6		25-100%	F-Xi ; R11-R36	FL 2-EDI 2;H225-H319,-
1-Methoxy-4-(1-propenyl)-benzene	4180-23-8	224-052-0		25-100%	Xi-N ; R43-R51/53	SS 1;H317,-
Estragole	140-67-0	205-427-8		1-5%	Xn ; R22-R40-R43-R68	ATO 4-SS 1-MUT 2-CAR 2; H302-H317-H341-H351,-
Limonene	5989-27-5	227-813-5		0.1-1%	Xn-N ; R10-R38-R43-R65-R50/53	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H400-H410,-
Linalool	78-70-6	201-134-4		0.1-1%	Xi ; R38	SCI 2-EDI 2-SS 1B;H315-H317-H319,-
beta-Caryophyllene	87-44-5	201-746-1		<0.1%	Xn ; R65	AH 1;H304,-
Ethyl acetate	141-78-6	205-500-4		<0.1%	F-Xi ; R11-R36-R66-R67	FL 2-EDI 2-STO-SE 3(NE); H225-H319-H336,EUH066
n-Butyl acetate	123-86-4	204-658-1		<0.1%	- ; R10-R66-R67	FL 2-FL 3-STO-SE 3(NE); H225-H226-H336,EUH066

Substances with Community workplace exposure limits, not listed above:

Name	CAS	EC	%
Acetaldehyde	75-07-0	200-836-8	0.009%
Acetic acid	64-19-7	200-580-7	0.03%
Ethanol	64-17-5	200-578-6	66.01%
Ethyl acetate	141-78-6	205-500-4	0.009%
Isopentyl acetate	123-92-2	204-662-3	0.006%
n-Butyl acetate	123-86-4	204-658-1	0.006%

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Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%: Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Causes serious eye irritation.

Suspected of causing genetic defects (exposure route). Suspected of causing cancer (exposure route).

4.3 Indication of any immediate medical attention and special treatment

needed None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and

8. 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

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6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description			Reference
Acetaldehyde	75-07-0	200-836-8	Long-term exposure limit (8-hour TWA reference period)	20	37	UK EH40 JUN 2012
			Short-term exposure limit (15-minute reference period)	50	92	UK EH40 JUN 2012
Acetic acid	64-19-7	200-580-7	Long-term exposure limit (8-hour TWA reference period)	10	25	UK EH40 2004
			Short-term exposure limit (15-minute reference period)	15	37	UK EH40 2004
Ethanol	64-17-5	200-578-6	Long-term exposure limit (8-hour TWA reference period)	1000	1920	UK EH40 JUN 2012
			Short-term exposure limit (15-minute reference period)	-	-	-
Ethyl acetate	141-78-6	205-500-4	Long-term exposure limit (8-hour TWA reference period)	200	-	UK EH40 JUN 2012
			Short-term exposure limit (15-minute reference period)	400	-	UK EH40 JUN 2012

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Isopentyl acetate	123-92-2	204-662-3	Long-term exposure limit (8-hour TWA reference period)	50	270	UK EH40 JUN 2012
			Short-term exposure limit (15-minute reference period)	100	540	UK EH40 JUN 2012
n-Butyl acetate	123-86-4	204-658-1	Long-term exposure limit (8-hour TWA reference period)	150	724	UK EH40 JUN 2012
			Short-term exposure limit (15-minute reference period)	200	966	UK EH40 JUN 2012

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Almost Colourless To Very Pale Yellow Gel
Odour:	Aniseed
pH:	Not determined
Initial boiling point / range:	Not determined
Flash point:	20 °C
Vapour pressure:	Not determined
Relative density:	0.8580 - 0.8700
Solubility(ies):	Not determined

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

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10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising

agents. 10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

May cause an allergic skin reaction.

Causes serious eye irritation.

Suspected of causing genetic defects (exposure route).

Suspected of causing cancer (exposure route).

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: >5000

Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: Not Applicable

Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available

Inhalation Route: Not Available

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Estragole	140-67-0	205-427-8	1230	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

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12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex

XIII. 12.6 Other adverse effects:

This material contains *% Volatile Organic 66.639 %

Compounds. :

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN1197

14.2 UN Proper Shipping Name: EXTRACTS, FLAVOURING, LIQUID

14.3 Transport hazard class(es): 3

Sub Risk: -

14.4. Packing Group: II

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

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

INGREDIENTS: Ethanol, Flavouring Preparations, Natural Flavouring Substances

LABELLING: Natural Flavouring

[In accordance with (EC) 1334/2008 on flavourings and certain food ingredients with flavouring properties for use in and on foods.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C3=42.52% EDI 2=15.15% SS 1=3.28% MUT 2=68.03% CAR 2=68.03%

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Total Fractional Values: EH C3=2.35 EDI 2=6.60 SS 1=30.46 MUT 2=1.47 CAR 2=1.47

Key to revisions:

Information about hazardous ingredients in the mixture

Product identifier

SECTION 3: Composition/information on ingredients

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
CAR 2	Carcinogenicity Category 2
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EUH066	Repeated exposure may cause skin dryness or cracking.
FL 2	Flammable Liquid, Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects (exposure route).
H351	Suspected of causing cancer (exposure route).
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
MUT 2	Germ Cell Mutagenicity Category 2
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.

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P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B
STO-SE 3(NE)	Specific Target Organ Toxicity (Single Exposure) Category 3

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.