



SAFETY DATA SHEET SNAP'EM TAB - CHOCOLATE

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

1.1. Product identifier

Product name SNAP'EM TAB - CHOCOLATE
Product code SNAPT-CH

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

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Class and category of
danger

Flammable, Hazard Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
H225, Highly flammable.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
Classification under Directive 1999/45/EC
Hazard symbols: F, Highly flammable.
Xi, Irritant.

Classification under Directive 1999/45/EC

Hazard symbols: F, Highly flammable.
Xi, Irritant.

Risk phrases: R11, Highly flammable.
R36, Irritating to the eyes.
R43, May cause sensitisation by skin contact.

2.2. Label elements

Contains Hot melt SNAP'EM tablet - Chocolate
Labelling Signal word: Danger
Hazard statements: H225, Highly flammable liquid and vapour.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
Supplemental None
Information:

Precautionary statements:

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.
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.
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.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P403/235, Store in a well-ventilated place. Keep cool.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards:

None

2.3. Other hazards

This product does not contain any PBT or vPvB substances. To avoid risk to man and the environment, comply with the instructions for use.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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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,-
4-Hydroxy-3-methoxy-benzaldehyde	121-33-5	204-465-2		1-5%	Xi ; R43	SS 1;H317,-
Pentane-2,3-dione	600-14-6	209-984-8		0.1-1%	F-Xn ; R11-R41-R43-R48/20	FL 2-EDI 1-SS 1B-STO-RE 2;H225-H317-H318-H373,-
Isovaleraldehyde	590-86-3	209-691-5		0.1-1%	F-Xi-N ; R11-R36/38-R51/53	FL 2-EDI 2;H225-H319,-
Ethyl lactate	97-64-3	202-598-0		0.1-1%	Xi ; R37-R41	FL 3-EDI 1-STO-SE 3(RI); H226-H318-H335,-
Ethyl acetate	141-78-6	205-500-4		0.1-1%	F-Xi ; R11-R36-R66-R67	FL 2-EDI 2-STO-SE 3(NE); H225-H319-H336.EUH066
2-Methylpropan-1-ol	78-83-1	201-148-0		<0.1%	Xi ; R10-R41-R67-R37/38	FL 3-SCI 2-EDI 1-STO-SE 3(RI)-STO-SE 3(NE);H226-H315-H318-H335-H336,-

Substances with Community workplace exposure limits, not listed above:

Name	CAS	EC	%
2-Methylpropan-1-ol	78-83-1	201-148-0	0.08%
Acetaldehyde	75-07-0	200-836-8	0.04%
Ethanol	64-17-5	200-578-6	0.007%
Ethanol	64-17-5	200-578-6	95.59%
Ethyl acetate	141-78-6	205-500-4	0.10%

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

General information

Remove victim to fresh air and keep at rest. If symptoms of irritation and/or sensitization occur seek medical advice/attention. Inhalation

Remove to fresh air and keep at rest. Seek medical advice if symptoms persist.

Skin

Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

Ingestion

Rinse mouth. Do not induce

vomiting. Eye contact

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

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

May cause an allergic skin reaction.

Causes serious eye irritation.

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

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. 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

None

Specific hazards

Dike and collect extinguishing water. Avoid releasing to the environment. Do not discharge into drains, watercourses or onto the ground.

5.3. Advice for firefighters

Special Fire Fighting Procedures

In case of fire and/or explosion, do not breathe fumes

Protective equipment for fire fighters

Wear full protective clothing (EN 469). Self-contained breathing apparatus.

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

Do not discharge into drains, watercourses or onto the ground.

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

For personal protection, see section 8. For waste disposal, see section 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

Store in a cool, dry, well-ventilated area. Protect from sunlight. Ideally.

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
2-Methylpropan-1-ol	78-83-1	201-148-0	Long-term exposure limit (8-hour TWA reference period)	50	154	UK EH40 JUN 2012
			Short-term exposure limit (15-minute reference period)	75	231	UK EH40 JUN 2012
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
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)	-	-	-
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

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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Translucent brown TAB

Odour chocolate

Initial boiling point and boiling range Not available.

Melting point (°C) Not available.

Specific gravity 0.8170 - 0.8290

Vapour density (air=1) Not available.

Vapour pressure Not available.

Evaporation rate Not available.

pH-Value Not available.

Viscosity Not available.

Solubility Value (G/100G H₂O@20°C) Not soluble in water.

Decomposition temperature (°C) Not available.

Odour Threshold, Lower Not available.

Odour Threshold, Upper Not available.

Flash point > 100 °C

Auto Ignition Temperature (°C) Not available.

Flammability Limit - Lower(%) Flammable at temperatures over 100°C. Flammability Limit - Upper(%) Flammable at temperatures over 100°C.

Partition Coefficient (N-Octanol/Water) Not relevant

Explosive properties Not available.

Oxidising properties Not available.

9.2. Other information Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not expected under normal conditions of use. Hazardous

Polymerisation Will not polymerise.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.

10.5. Incompatible materials

Materials to Avoid

Excessive temperature variations.

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10.6. Hazardous decomposition products

None anticipated

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).

Toxicological information

Classification according to CLP regulation (EC) 1272/2008.

May cause an allergic skin reaction.

Causes serious eye irritation.

Acute toxicity:

Acute Toxicity (Oral LD50) >5000

Acute Toxicity (Dermal LD50) N/A

Acute Toxicity (Inhalation LC50) N/A

Skin Corrosion/Irritation: N/A

Serious eye damage/irritation: N/A

Respiratory or skin sensitisation:

Skin sensitization N/A

Germ cell mutagenicity:

Genotoxicity - In Vitro

Calculation method.

Genotoxicity - In Vivo

Calculation method.

Based on available data the classification criteria are not met.

Carcinogenicity:

Calculation method. Based on available data the classification criteria are not met.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Calculation method. Based on available data the classification criteria are not met.

Reproductive Toxicity - Development

Calculation method.

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

Calculation method.

Based on available data the classification criteria are not met.

Aspiration hazard:

Calculation method. Based on available data the classification criteria are not met.

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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Classification according to CLP regulation (EC) 1272/2008.

Not available.

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Ecological information on ingredients.

Acute Toxicity - Fish

LC50 96 hours = N/A *Lepomis macrochirus* (Bluegill)

LC50 96 hours = N/A *Onchorhynchus mykiss* (Rainbow trout) Acute Toxicity - Aquatic Invertebrates

EC50 48 hours = N/A *Daphnia magna* Acute Toxicity - Aquatic Plants

EbC50 96 hours = N/A *Enedesmus subspicatus* Chronic Toxicity - Fish Early life Stage

NOEC 90 days = N/A *Onchorhynchus mykiss* (Rainbow trout)

NOEC 35 days = N/A *Cyprinodon variegatus* (Sheepshead minnow) Chronic Toxicity - Aquatic Invertebrates

NOEC 21 days = N/A *Daphnia magna* Acute Toxicity - Terrestrial

LD50 = N/A *Apis Mellifera* (Honeybee) (Oral exposure).

LD50 = N/A *Apis Mellifera* (Honeybee) (Topical exposure).

12.2. Persistence and degradability

Not available

Ecological information on ingredients.

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Degradability

The product is readily biodegradable. Phototransformation
N/A

Biodegradation

The product is readily biodegradable.

12.3. Bioaccumulative potential

Not anticipated to bioaccumulate.

Partition coefficient

Not relevant

Ecological information on ingredients.

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Bioaccumulation factor BCF = N/A

Partition coefficient log Kow = N/A

12.4. Mobility in soil

Ecological information on ingredients.

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Mobility: There may be indirect movement in soil because of water movement or transfer by insects.

Adsorption/Desorption

Coefficient Koc = N/A

Henry's Law Constant
N/A

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

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Ecological information on ingredients.SNAP'EM TAB - CHOCOLATE

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Not available.

Ecological information on ingredients.SNAP'EM TAB - CHOCOLATE

Not available.

SECTION 13: DISPOSAL CONSIDERATIONSGeneral information

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.

13.1. Waste treatment methods

Waste is suitable for incineration. Contact specialist disposal companies. Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: TRANSPORT INFORMATION14.1. UN numberUN No. (ADR/RID/ADN) UN1197UN No. (IMDG) None.UN No. (ICAO) None.14.2. UN proper shipping nameProper Shipping Name EXTRACTS, FLAVOURING TAB.Proper Shipping Name None.14.3. Transport hazard class(es)ADR/RID/ADN Class class 3ADR Label No. Not applicableIMDG Class Not applicableICAO Class/Division Not applicableTransport Labels class 314.4. Packing groupADR/RID/ADN Packing group IIIMDG Packing group Not applicableICAO Packing group Not applicable14.5. Environmental hazards Not environmentally hazardous for transport.

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14.6. Special precautions for user

<u>EMS</u>	None additional.
<u>Emergency Action Code</u>	None.
<u>Hazard No. (ADR)</u>	3.
<u>Tunnel Restriction Code</u>	None.

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, Natural Flavouring Substances, Flavouring Preparations

LABELLING: Natural Flavouring

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

Uk Regulatory ReferencesThe Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. 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. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Health and Environmental Listings

Regulation EC 2037/2000 on substances that deplete the ozone layer. Regulation EC 689/2008 concerning the export and import of dangerous chemicals. None of the ingredients are listed.

Authorisations (Title VII Regulation 1907/2006)No specific authorisations are noted for this product. Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

PBT - Persistent, bioaccumulative and toxic. vPvB - Very persistent and very bioaccumulative EN - European standard adopted by the European Committee for Standardisation.

Information Sources

The International Union of Pure and Applied Chemistry (IUPAC) pesticide properties database -

<http://sitem.herts.ac.uk/aeru/iupac/index.htm> Conclusion regarding the peer review of the pesticide risk assessment of the active substance completed by the European Food Safety Authority - <http://www.efsa.europa.eu/cs/Satellite> International Chemical Safety Card. World Health Organisation (WHO)/Food and Agriculture Organisation of the United Nations (FAO) Joint Meeting on Pesticide Residues monographs and evaluations.

Available from www.inchem.org. Food and Agriculture Organisation (FAO) Specifications and Evaluations for Agricultural Pesticides - Evaluation Report. C.D.S. Tomlin, 2009. The Pesticide Manual, 15th Edition (BCPC). Supplier safety data sheet 1 (SDS).

Revision DateRevision

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Key to revisions:

Information about hazardous ingredients in the mixture

Key to abbreviations:

Abbreviation	Meaning
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
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.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs (organs) through prolonged or repeated exposure (exposure route).
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.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/eye protection/face protection.
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.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P332/313	If skin irritation occurs: 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.
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.
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-RE 2	Specific Target Organ Toxicity (Repeated Exposure) Category 2
STO-SE 3(NE)	Specific Target Organ Toxicity (Single Exposure) Category 3
STO-SE 3(RI)	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.