



SAFETY DATA SHEET

Conforms to Regulation EC 1907/2006 (REACH) as amended by
Regulation (EU) 2015/830

STV565 – THE BIG CHEESE ULTRA POWER BLOCK BAIT MOUSE KILLER KIT

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

The Big Cheese Ultra Power Block Bait Mouse Killer Kit

UFI: NK20-20D5-U00G-8T1D

UFI: 7NT2-0072-900J-JA5W (artwork v1123)

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

For use as a rodenticide

1.3. Details of the supplier of the safety data sheet

STV International Ltd
Forge House
Little Cressingham
Watton
Thetford
Norfolk
IP25 6ND

+ 44 (0) 1953 881 580 (Office hours only)
info@stvpestcontrol.com

1.4. Emergency telephone number

For product information, contact STV International Ltd on the telephone number stated in section 1.3.

In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

For urgent medical advice, call the NHS Helpline on 111 (England, Scotland & Wales).
For medical emergencies, dial 999 (UK & Ireland) or 112 from any EU country.

Environmental agency emergency phone number 0800 807060.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008

Skin Sens., Cat. 1; H317

STOT RE 2; H373

2.2. Label elements

Hazard Pictogram

GHS07, GHS08



Signal Word

Warning

Hazard Statements

H317 May cause an allergic skin reaction.

H373 May cause damage to organs (Blood) through prolonged or repeated exposure.

Precautionary Statements

P102 Keep out of reach of children.

P103 Read label before use.

P265 Do not get in eyes, on skin, or on clothing.

P270 Do not eat, drink or smoke when using this product.

P301+310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Get medical advice/ attention if you feel unwell.

P404 Store in a closed container.

P405 Store locked up.

P501 Dispose of contents/ container in accordance with national regulations.

Other labelling required under Regulation (EC) 1272/2008

EUH208 Contains 1, 2- Benzisothiazolin-3-one and 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction. Keep / Store away from foodstuffs, beverages and animal feeding stuffs.

2.3. Other hazards

This mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No 1907/2006 (REACH).

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Chemical Name	CAS/EC No	Classification in accordance with Regulation (EC) 1272/2008	Conc [%]
PROPYLENE GLYCOL	57-55-6 200-338-0	Not classified	≥ 1 – < 5
1,2-BENZISOTHIAZOLIN-3-ONE	2634-33-5 220-120-9	Acute Tox. 4 (Oral), H302 (ATE=597 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	< 1
BRODIFACOU (EU)	56073-10-0 259-980-5	Acute Tox. 1 (Oral), H300 (ATE=0.5 mg/kg) Acute Tox. 1 (Dermal), H310 (ATE=5 mg/kg) Acute Tox. 1 (Inhalation), H330 (ATE=0.005 mg/l) Acute Tox. 1 (Inhalation:dust,mist), H330 (ATE=0.005 mg/l) Repr. 1A, H360D STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	< 1
2-OCTYL-2H-ISOTHIAZOL-3-ONE	26530-20-1 247-761-7	Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight) Acute Tox. 2 (Inhalation), H330 (ATE=0.76 mg/l/4h) Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10) EUH071	< 1

Full text of hazard statements is displayed in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Due to the physical nature of his product, exposure by this route is unlikely. Seek medical attention if symptoms persist.

Skin

May cause irritation to susceptible persons. If skin irritation occurs wash with soap and water. Immediately remove contaminated clothing. Get medical attention if symptoms are severe or persist.

Eyes

May cause irritation to susceptible persons. Rinse with plenty of water and seek medical advice.

Ingestion

Do NOT induce vomiting. Advice for Medical Doctors: Brodifacoum/Bromadiolone/Difenacoum are all indirect anti-coagulants. Phytomenadione, Vitamin K, is antidotal. Determine prothrombin time not less than 18 hours after consumption. If elevated, administer Vitamin K1 until prothrombin time normalises. Continue determination of prothrombin time for two weeks after withdrawal of antidote and resume treatment if elevation occurs in that time. Immediately call a POISON CENTER/doctor.

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

General - The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation - Unlikely to present an inhalation hazard. If symptoms develop move the exposed person to fresh air. Immediately obtain medical advice.

Ingestion - Harmful if swallowed.

Skin contact - May cause an allergic skin reaction.

Eye contact - May cause eye irritation.

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

No specific advice. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire extinguishing media suitable for the surrounding fire.

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

Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water after the fire is out.

Water positive-pressure self-contained breathing apparatus (SCBA) and appropriate clothing. Firefighters clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

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.

6.2. Environmental precautions

Avoid discharge into the aquatic environment.

6.3. Methods and material for containment and cleaning up

Reuse or recycle products wherever possible. Collect spillages with a shovel and broom, or similar and reuse, if possible. Collect and place in a suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

6.4. Reference to other sections

See section 1 for emergency contact information.

See section 8 for information on appropriate personal protective equipment.

See section 13 for additional waste treatment information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Read label before use.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry location. Store only in the original receptacle. Keep containers tightly closed in a well-ventilated place. Take suitable precautions when opening sealed containers, as pressure can build up during storage.

Keep away from sources of heat. Keep out of the reach of children. Store away from foodstuffs. Keep away from oxidizing agents.

7.3. Specific end use(s)

For use as a rodenticide

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

PROPYLENE GLYCOL (57-55-6)

Local name	Propane-1,2-diol
WEL TWA (OEL TWA) [1]	10 mg/m ³ particulates 474 mg/m ³ total vapour and particulates
WEL TWA (OEL TWA) [2]	150 ppm total vapour and particulates
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.2. Exposure controls

Engineering controls

No specific ventilation requirements.

Personal protection

Body protection must be chosen depending on activity and possible exposure, for example apron, protective boots, chemical-protection suit.

Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Avoid contact with the skin, eyes and clothing. Store work clothing separately.

Eye/face protection

No specific eye protection required during normal use. Avoid contact with eyes.

Hand protection

Suitable chemical resistant gloves are recommended for professional users.

Respiratory protection

No specific recommendations. Provide adequate ventilation.

Environmental exposure controls

Not regarded as dangerous for the environment.

Hygiene measures

Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Solid red or blue wax block

Odour: Slight

Odour threshold: Information not available

pH: Information not available

Melting point/freezing point: Information not available

Initial boiling point and boiling range: Information not available

Flash point: Information not available

Evaporation rate: Information not available

Flammability: Non-flammable

Upper/lower flammability or explosive limits: Information not available

Vapour pressure: Information not available

Vapour density: Information not available

Relative density: Information not available

Solubility(ies): Information not available

Partition coefficient: n-octanol/water: Information not available

Auto-ignition temperature: Information not available

Decomposition temperature: Information not available

Viscosity: Information not available

Explosive properties: Not considered to be explosive

Oxidising properties: Not oxidising

9.2. Other information

Softening point: > 50 °C Wax becomes malleable @ 50°C and start to fuse together @ 70°C

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended.

Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see Section 7).

10.5. Incompatible materials

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Toxicity of product

THE BIG CHEESE ULTRA POWER BLOCK BAIT

Viscosity, kinematic: Not applicable

Toxicity of ingredients

brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1- naphthyl)coumarin (56073-10-0)

LD50 oral rat: < 5 mg/kg

LD50 dermal rat: 7.48 mg/kg

LC50 Inhalation – Rat: 3.05 µg/l

PROPYLENE GLYCOL (57-55-6)

LD50 oral rat: 22000 mg/kg

LD50 dermal rabbit: > 2000 mg/kg

LC50 Inhalation - Rat (Dust/Mist): > 317042 mg/l/4h

1, 2- BENZIOTHIAZOLIN-3-ONE (2634-33-5)

LD50 oral rat: 597 mg/kg

LD50 dermal rat: > 2000 mg/kg

2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1)

LD50 oral rat: 550 mg/kg

LD50 dermal rabbit: > 2000 mg/kg

LC50 Inhalation - Rat (Dust/Mist): 0.76 mg/l/4h

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified
Respiratory or skin sensitisation: May cause an allergic skin reaction.
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified

1, 2- BENZIOTHIAZOLIN-3-ONE (2634-33-5)

NOAEL (animal/female, F1): 56.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)

STOT-single exposure: Not classified

STOT-repeated exposure: May cause damage to organs (blood) through prolonged or repeated exposure (if swallowed).

brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1- naphthyl)coumarin (56073-10-0)

STOT-repeated exposure: Causes damage to organs (blood) through prolonged or repeated exposure (if swallowed).

Aspiration hazard: Not classified

brodifacoum (ISO); 4-hydroxy-3-(3-(4'- bromo-4-biphenyl)- 1,2,3,4-tetrahydro-1- naphthyl)coumarin (56073-10-0)

Viscosity, kinematic: Not applicable

SECTION 12: Ecological information

12.1. Toxicity

Toxicity of product

Not regarded as dangerous for the environment.

Toxicity of ingredients

Brodifacoum (56073-10-0)

Rainbow trout LC50/96Hr = 0.042 mg/l

Daphnia EC50/48Hr = 0.25 mg/l

1, 2- BENZIOTHIAZOLIN-3-ONE (2634-33-5)

LC50 – Fish: 0.74 mg/l

EC50 – Crustacea: 2.44 mg/l

2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1)

LC50 – Fish: 0.18 mg/l

LC50 – Fish: 0.047 mg/l

EC50 – Crustacea: 0.32 mg/l

EC50 – Crustacea: 0.107 ppm

ErC50 algae: 0.084 mg/l

NOEC chronic fish: 0.085 ppm

NOEC chronic crustacea: 0.74 ppm

12.2. Persistence and degradability

The degradability of the product is not known.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No results available.

12.6. Other adverse effects

Toxic to mammals, including domesticated animals and birds if ingested. Exposure of non-target animals should be prevented.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

This material and its container must be disposed of in a safe way.

Dispose of in accordance with applicable regional, national, and local laws and regulations. Dispose of Contaminated packaging as unused product unless fully cleaned.

Waste disposal key number from EWC is 20 01 19 (Pesticides)

SECTION 14: Transport information

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not considered hazardous to the environment.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

This substance is classified and labelled in accordance with Regulation (EC) 1272/2008 and 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.

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
CAS: Chemical Abstracts Service.
ATE: Acute Toxicity Estimate.
LC₅₀: Lethal Concentration to 50 % of a test population.
LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
EC₅₀: 50% of maximal Effective Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
STOT RE = Specific target organ toxicity-repeated exposure

Full text of hazard statements

H300 Fatal if swallowed.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H360D May damage the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Comments

Use only in accordance with label instructions.

The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation. The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations. The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the storage and transportation of the preparation. The information in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by STV International Ltd for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.