

1	Identification of the preparation and the supplying Company	Ratak[®] Cut Wheat. A ready to use rat and mouse bait. Killgerm Chemicals Ltd, Denholme Drive, Ossett, West Yorkshire, WF5 9NA. Tel: +44 (0)1924 268450 Fax: (0)1924 265033 Email: technical@killgerm.com	
2	Hazards identification	Not classified as hazardous under CPLDS, "CHIP" or COPR.	
3	Composition and information on ingredients	Difenacoum Cut wheat	0.005%w/w CAS no. 56073_07_5. R26/27/28. R48/25 T+. T. 99.995%w/w
4	First Aid measures	Ingestion: Skin contact: Eye contact: Advice to doctor:	DO NOT INDUCE VOMITING. Wipe contaminant out of mouth then rinse out mouth several times with clean water. Seek medical attention. Wash off with soap and water. Remove contaminated clothing. Flush thoroughly with eye wash solution or clean water. Difenacoum is an indirect anticoagulant. Vitamin K1 (phytomenadione) is antidotal. Poisoning is unlikely unless large quantities have been ingested. In case of suspected poisoning, determine prothrombin times not less than eighteen hours after consumption. If elevated, administer vitamin K1 and continue until prothrombin times normalise. Continue determination of prothrombin times for three days after withdrawal of antidote and resume treatment if elevation occurs in that time. For comprehensive medical advice on the treatment of poisoning contact the nearest Poisons Information Centre.
5	Fire-fighting measures	Extinguishers:	Use water spray, dry chemical, carbon dioxide or foam fire extinguishers. Toxic fumes will be evolved in a fire. Self-contained breathing apparatus should be worn by fire-fighters.
6	Accidental release measures	Spillage (containment and disposal):	Sweep up, wearing appropriate PPE into a marked container. Contact supplier for advice on disposal. Wash contaminated area with soap and water.
7	Handling and storage	Precautions in use: Storage and transport precautions:	Avoid all contact by mouth. Wash hands and exposed skin before meals and after work. Prevent access to the bait by children, birds and domesticated animals, particularly dogs, pigs and poultry. Do not use baits where food, feed or water could become contaminated. Remove all remains of bait and bait containers after treatment and burn or bury. Search for and burn or bury all rodent bodies. Do not place in refuse bins or on rubbish tips. Keep in original container, tightly closed, in a safe place. Empty container and dispose of safely. Store in original container, tightly closed under cool and dry conditions in a safe place. Store and transport away from products which have an odour.
8	Exposure controls and personal protection	PPE Item Respirator Gloves Overall Goggles/ Face shield	In Use Spillage Dust mask if sweeping up. Half mask to prEN 140 with P2 filter, e.g. Polimask 100 twin + P2 (PC11) filter. Disposable mask to HSE TM 14/9.1 e.g. Sekur Pirelli SM100 Unlined synthetic rubber, 300mm in length, e.g. Solvex nitrile. Basic type e.g. heavy duty polycotton or disposable (EP coverall) Unlined synthetic rubber, 300mm in length, e.g. Solvex nitrile. Basic coverall – Dust resistant e.g. EP Coverall. Goggles to BS 2092 ICD
9	Physical and chemical properties	Appearance: pH: Flash point: Flammability: Solubility: Odour: Incompatibility:	Blue-green coloured cut wheat fragments. Not applicable. Not applicable. Not considered a fire hazard but it will burn. Insoluble in water. No significant odour. Not a reactive substance.
10	Stability and reactivity	Not a reactive preparation.	
11	Toxicological information	Routes of entry/symptoms of contact: Inhalation: Skin and eyes: Ingestion: Symptoms of poisoning:	Unlikely to occur. Risk via this contact route is low. Practically non-toxic by skin and eye contact. Some irritation to the eye may occur. Hazardous if ingested in large quantities. Clinical signs are unlikely to occur until 18 hours after ingestion. Thereafter they may develop rapidly. Clinical signs result from an increased bleeding tendency and include: an increased prothrombin time, bruising easily with occasional bleeding from minor cuts and abrasions, pale mouth and cold gums, anorexia and weakness. More severe cases of poisoning include haemorrhage (usually internal), shock and coma.
12	Ecological information	Ratak is hazardous to mammals (including domestic animals) and birds if ingested. Access to bait by non-target animals must be prevented.	

Safety Data Sheet

Ratak® Cut Wheat

13	Disposal considerations	Empty containers: Empty completely. Dispose of as below. Unused/recovered materials: Do not dispose of in domestic refuse. Contaminated PPE: Treat as "controlled" waste. Contact supplier for advice.
14	Transport information	Not classified as hazardous for transport.
15	Regulatory information	Approved under COPR- HSE no. 6786. Read the label before use- Use pesticides safely. Refer to other relevant measures such as Health & Safety at Work etc. Act and the COSHH regulations. The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation
16	Other information	Use only in accordance with label instructions. Observe statutory conditions of use on label. Ingredient information. Difenacoum T+ Very Toxic, T- Toxic. R26/27/28- Very toxic by inhalation, in contact with skin and if swallowed. R48/25 Toxic: Danger of serious damage to health by prolonged exposure if swallowed. 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 handling, storage and transportation of the preparation. The information provided 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 Killgerm Chemicals Limited 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. Use biocides safely. Always read the label and product information before use. Ratak is a trademark of Zeneca Public Health.
