

Safety Data Sheet

SAKARAT D (WHOLE WHEAT)

1. Identification of the preparation and the supplying Company	SAKARAT D (WHOLE WHEAT) Killgerm Chemicals Ltd, Denholme Drive, Ossett, West Yorkshire, WF5 9NA. Tel: +44 (0)1924 268450 Fax: (0)1924 265033 Email: technical@Killgerm.com			
2. Composition and information on ingredients	Hazardous Components in Product for EC			
	Component Name	CAS No.	Concentration	R Phrases
	Difenacoum Technical Material	56073-07-5	0.005%	R26/27/28 R48/2
	Classification T+-T			
	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. T - Toxic. T+ - Very toxic.			
3. Hazard identification	<u>Main Hazards</u> Not classified as hazardous. Large quantities would need to be ingested to produce a toxic effect. Avoid all contact by mouth. Practically non-hazardous by skin contact. This product contains difenacoum, an indirect anticoagulant. Any signs of poisoning are unlikely to occur until 12-18 hours after ingestion. Thereafter, they will develop progressively and may rapidly appear. Clinical signs result from an increased bleeding tendency and include: an increase in prothrombin time, bruising easily with occasional gum bleeding, blood in the stool or urine, excessive bleeding from minor cuts and abrasions, pale mouth and cold gums, anorexia and general weakness. More severe cases of poisoning include haemorrhage (usually internal) and shock. This product is hazardous to mammals including domesticated animals, and birds if ingested. Exposure of non-target animals should be prevented.			
4. First Aid measures	Ingestion:	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.		
	Inhalation:	Remove from exposure. Obtain medical advice if symptoms develop.		
	Skin contact:	Wash skin with soap and water.		
	Eye contact:	Wash out eye with plenty of water. Obtain medical advice if necessary.		
	Advice to doctor:	Difenacoum is an indirect anticoagulant. Vitamin K1 (phytomenadione) is antidotal. In the case of suspected poisoning, determine prothrombin time not less than 18 hours after consumption. If elevated, administer vitamin K1, 40mg/day for adults and 20mg/day for children in divided doses. Continue until prothrombin times normalise. Continue determination of prothrombin time for two weeks after withdrawal of the antidote and resume treatment if elevation occurs in that time. N.B. Vitamin K3 is not effective. For comprehensive medical advice on the treatment of poisoning, contact the nearest Poisons Information Centre.		
5. Fire-fighting measures	General Hazard	This product is non-flammable, but is combustible.		
	Extinguishing Media	Use water spray, foam, dry chemical or carbon dioxide. Cool the smouldering material with water spray to minimise the possibility of re-ignition. Keep containers and surroundings cool with water spray.		
	Protective Equipment for Fire-Fighting	Wear self contained breathing apparatus.		
6. Spillages	Any spillages should be cleared up immediately and disposed of safely. Wash contaminated surfaces with detergent solution.			

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7. Handling and Storage	Precautions in use:	The product must be used and stored only in accordance with the product label. Refer also to the section 'Exposure
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Controls/Personal Protection'.
 Avoid all contact by mouth.
 Wash hands and exposed skin before meals and after use.
 Empty container completely and dispose of safely.
 Store in original container under cool and dry conditions in a secure, well ventilated place, inaccessible to children, and away from foodstuffs and animal feedstuffs. Store and transport away from products which may have an odour

Storage and transport precautions:

8. Exposure controls and personal protection	<u>PPE ITEM</u>	<u>IN USE</u>	<u>SPILLAGE</u>
	Respirators		Half mask respirator to EN140 plus P class filter to EN 143 to required (nominal) protection factor (minimum).
	Gloves	Unlined/Flock lined, synthetic rubber/PVC to EN 374. (300mm in length) eg. Nitrile.	Unlined/Flock lined, synthetic rubber/PVC to EN 374. (300mm in length) eg. Nitrile.
	Overall	Basic type eg. Heavy duty polycotton or coverall type 5/6.	Coverall type 5/6.
	Goggles/ Faceshield		Goggles to EN 166 3459B.
9. Physical and chemical properties	Physical State	A whole wheat bait.	
	Colour	Green/Blue.	
	Odour	No significant odour.	
	Flammability	Not flammable.	
	Solubility in water	Insoluble.	
	Explosive Properties	None.	
	Oxidising Properties	None.	
10. Stability and Reactivity	Stable under normal conditions.		
11. Toxicological information	Acute Toxicity	Oral LD50 (rat) 36000mg/kg	
	Irritancy - Eyes	Not an eye irritant	
	Irritancy - Skin	Not a skin irritant	
	Skin Sensitisation	No known reports of skin sensitisation	
12. Ecological information	This product is hazardous to mammals including domesticated animals, and birds if ingested. Exposure of non-target animals should be prevented.		
13. Disposal considerations	Empty containers:-	Empty completely. Dispose of as below.	
	Unused/recovered from		
	Spillage material	}	Do not dispose of in domestic refuse. Treat as "controlled"
	Contaminated PPE	}	waste. Ask supplier for advice.
14. Transport information	Not classified.		
15. Regulatory information	FOR USE ONLY AS A RODENTICIDE		
	Approved under The Control of Pesticides Regulations 1986 for the control of rats and mice.		
	Approval Number: HSE 7109		
	For the Statutory Conditions Relating to Use and Precautions please refer to the product label.		
16. Other information	For use only as specified on the label.		
	The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations. A data sheet does not constitute a COSHH assessment.		
	This product contains Bitrex and warning dyes.		
	Bitrex is a human taste deterrent. It is included at a concentration that is repulsive to human taste but is not detected by rats or mice.		
	(Bitrex is a registered Trade Mark of MacFarlan Smith, Edinburgh)		