

1	Identification of the preparation and the supplying Company	Freesia Disinfectant/Deodorant. A concentrated disinfectant deodorant for dilution with water and spraying. 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	Perfume (Freesia) 21.0%w/w. Xi. N. R36/38. R43. R51/53. Ethanol 28.0%w/w. F. Xn. R11. R20/21/22 Benzalkonium chloride 6.4%w/w. C. N. R34. R21/22. R50. Dye and water to 100%v/v	
3	Hazards identification	Irritating to eyes – R36 Flammable- R10	
4	First Aid measures	Ingestion: Wash out mouth with water. Get medical attention. Inhalation: Remove to fresh air. Skin contact: Wash with water. If irritation occurs get medical advice. Eye contact: Irrigate immediately with water for 10 minutes. Get medical attention. Advice to doctor: Contains ethanol and cationic surfactant.	
5	Fire-fighting measures	Extinguishers: Use dry chemical powder, carbon dioxide or water spray fire extinguishers. Use water spray to cool drums close to seat of fire. Avoid run-off of fire fighting water in watercourses. 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): Wear suitable PPE. Contain and absorb with sand, earth or proprietary product. Shovel into a marked container. Dispose of via a waste contractor or contact supplier for further advice.	
7	Handling and storage	Precautions in use: Avoid contact with skin and eyes. Avoid breathing generated sprays/mists or wear suitable PPE. Wash skin and eye splashes with clean water. Do not pour, spill or mix near naked flames, electric fires, pilot lights or sources of ignition. To help prevent glugging and splashing, pour with one edge of the container lower than the spout. Do not use in kitchens or on surfaces used for food preparation. Storage and transport precautions: Keep out of the reach of children. Keep away from sources of ignition- No smoking. Store and transport away from heat sources and sources of ignition. Store in original labelled container.	
8	Exposure controls and personal protection	PPE Item Respirator Gloves Footwear Overall Goggles/ Face shield	In Use Spillage If required half mask to EN140 + AP to EN143 class filter to required protection factor. If required unlined synthetic rubber/PVC to EN374 If required to EN166 With high vapour concentrations half mask to EN140 + AP class filter to EN143 to required protection factor. Unlined synthetic rubber/PVC to EN374 Impervious footwear Coverall type 5/6. Face shield to EN166
9	Physical and chemical properties	Appearance: Yellow/orange clear liquid. pH: 6 – 8 Flash point: 24°C Flammability: Flammable will burn below its flash point. Bulk density: 0.97 Solubility: Soluble in water to form a pale yellow solution Odour: Strong Freesia odour Incompatibility: Store away from strong oxidising agents	
10	Stability and reactivity	Not a reactive preparation but it is highly flammable	
11	Toxicological information	Routes of entry/symptoms of contact: Inhalation: Exposure to high vapour concentrations would cause headaches. Skin and eyes: May de-fat the skin on prolonged contact. Causes eye and skin irritation. Ingestion: Irritation to mouth and gastro-intestinal tract.	
12	Ecological information	Dangerous to fish. Do not contaminate ponds, waterways or ditches with product or empty containers. Cover aquaria, indoor ponds and fish bowls before using. Preparation is biodegradable.	
13	Disposal considerations	Empty containers: Wash out and dispose of as commercial/industrial waste. Unused/recovered materials: Dispose of via waste disposal contractor or contact supplier for further details. Contaminated PPE: Wash and dispose of as commercial/industrial waste.	
14	Transport information	UN no. 1170. Ethanol solution 28%. Class 3. Flammable Packing Group III	

SafetyDataSheet Freesia Disinfectant/Deodorant

15	Regulatory information	<ul style="list-style-type: none">• This preparation has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3. These implement the Dangerous Preparations Directive- 99/35/EC. This safety data sheet complies with CHIP 3 requirements and the Safety Data Sheets Directive 91/155/EEC (as amended by Directives 93/112/EC and 2001/58/EC).• Refer to other relevant measures such as the Health and Safety at Work etc Act 1974 and the COSHH regulations and guidance.• The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.• Preparation is classified as R36_ Irritating to eyes and R10_ Flammable.• Safety phrases<ul style="list-style-type: none">S16- Keep away from sources of ignition – No smoking.S24/25- Avoid contact with skin and eyes.S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.S28- After contact with skin, wash immediately with plenty of water.S35- This material and its container must be disposed of in a safe way.• <u>This data sheet has been amended in sections 2,3,7,8,14,15 and 16 since the previous revision/issue.</u>
16	Other information	<p>Use only according to label instructions.</p> <p>Ingredient classification data: -</p> <p>Xi- Irritant. F- Flammable. Xn- Harmful. C- Corrosive. N- Dangerous for the environment.</p> <p>R20/21/22- Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R36/38- Irritating to eyes and skin.</p> <p>R43- May cause sensitisation by skin contact.</p> <p>R34- Causes burns.</p> <p>R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R50- Very toxic to aquatic organisms.</p> <p>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.</p>
