

1	Identification of the preparation and the supplying Company	Lavender Disinfectant. A concentrated disinfectant deodorant solution for dilution in water and application to surfaces etc. 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	Isopropanol 80%w/v F. Xi. R11. R36. R67 Emulsifiers 3%w/v Perfume 6%w/v Xn. R43. R65. R52/53. 40% Formaldehyde 2.2%w/v T(Cat3) C R34 R40 R43 R23/24/25. Water to 100% <u>See paragraph 16 for full text of R-phrases and hazard classification of ingredients.</u>	
3	Hazards identification	Irritating to eyes. May cause sensitisation by skin contact. <u>Highly flammable. Vapours may cause drowsiness and dizziness.</u>	
4	First Aid measures	Ingestion: Wash out mouth with water. Get medical advice. Inhalation: Remove to fresh air. Get medical advice. Skin contact: Wash with water. Get medical advice. Eye contact: Wash with water for 10 minutes. Get medical advice. Advice to doctor: <u>Contains isopropyl alcohol, formaldehyde and surfactants in water.</u>	
5	Fire-fighting measures	Extinguishers: Use dry chemical powder, carbon dioxide or water spray fire extinguishers. Cool containers at seat of fire with water spray. Toxic fumes will be evolved in a fire. <u>Self-contained breathing apparatus should be worn by fire fighters.</u>	
6	Accidental release measures	Spillage (containment and disposal): Wear appropriate PPE. Surround/absorb with sand, earth or proprietary product. Shovel into marked container (USE NON SPARKING SHOVEL) and dispose of via a waste disposal contractor or contact supplier for advice.	
7	Handling and storage	Precautions in use: Avoid contact with skin and eyes. Avoid breathing fumes or vapours. Wear eye protection if working conditions increase risk of eye splashes. Wear suitable gloves and eye/face protection Storage and transport precautions: Keep in original container, tightly closed in a cool, safe place. Keep out of the reach of children. <u>Keep away from sources of ignition – No smoking.</u>	
8	Exposure controls and personal protection	PPE Item Respirator Footwear Gloves Overall Goggles/ Face shield	In Use If required half mask to EN140 + ABP class filter to EN143 required protection factor. Unlined synthetic rubber/PVC gloves to EN374. If required to EN166 IC Spillage If required half mask to EN140 + ABP class filter to EN143 required protection factor. Impervious Unlined synthetic rubber/PVC gloves to EN374. Basic type to 5/6 Coverall Face shield to EN166
9	Physical and chemical properties	Appearance: Olive coloured liquid. pH: N/A Flash point: 20°C Flammability: Highly inflammable, will support combustion below its flash point. Bulk density: 0.84 – 0.85 Solubility: Miscible with water to form white emulsion. Odour: Strong lavender odour. Incompatibility: Strong oxidising agents.	
10	Stability and reactivity	Product is highly flammable. Mixing with strong oxidising agent or other chemicals may cause chemical reaction, heat production and consequent risk of vapour ignition.	
11	Toxicological information	Routes of entry/symptoms of contact: Inhalation: Exposure to high vapour concentrations produces irritation of mucus membranes and narcosis. Skin and eyes: Undiluted product irritating to eyes. Repeated skin contact with undiluted product would lead to defatting, irritation and sensitisation. Ingestion: Isopropanol is of low order toxicity and acts as an emetic. Irritation to mouth, gastro-intestinal tract and stomach.	
12	Ecological information	Harmful to fish. Do not contaminate ponds, waterways or ditches with the chemical or used container. <u>Preparation is biodegradable. It is not classified for an environmental effect under CHIP 3.</u>	
13	Disposal considerations	Empty containers: Empty completely. Wash out with water. Dispose of as below. Unused/recovered materials: Tank Washings: Contaminated PPE:	} Dispose of via a waste disposal contractor or contact supplier for advice.
14	Transport information	UN No:- 1219 Class 3. Packing Group III. PSN: Isopropanol Solution 70%.	

Safety Data Sheet Lavender Disinfectant/Deodorant

15 Regulatory information

- 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.
- Hazard Classification:-
Xi- Irritating to eyes.
F- Highly flammable.
- Risk Phrases:
R36- Irritating to eyes. R43- May cause sensitisation by skin contact.
R67- Vapours may cause drowsiness and dizziness. R11- Highly flammable.
Safety Phrases:
S7- Keep container tightly closed. S16- Keep away from sources of ignition_ no smoking.
S24/25- Avoid contact with skin and eyes. 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. S37/39- Wear suitable gloves and eye/face protection.
- This data sheet has been amended in sections 2,3,7,8,14,15 and 16 since the previous revision/issue.

16 Other information

Use only in accordance with label instructions.

Ingredient classification data:- T-Toxic. C-corrosive. F-Highly Flammable. Xi-irritant. Xn-harmful. R11- Highly flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness. R43- May cause sensitisation by skin contact. R65- Harmful if swallowed, may cause lung damage. R34- Causes burns. R40- Limited evidence of carcinogenic effect. R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.
