

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY**MANUFACTURER / SUPPLIER:****Ingenia Life Solutions Ltd**

Quercus Court, Armstrong Way, Great Western Business Park, Yate, Bristol BS37 5NG

Tel: 0117 978 4777 Email: info@ingenia.co.uk www.ingenialifesolutions.com/**PRODUCT NAME:****INGEN Bacteria Killing Foam Hand Wash****REFERENCE:**

SAF139 Issue date: 5 January 2017 Issue Number: 8

PHYSICAL FORM: Liquid in the container. Foam when dispensed.

PRODUCT TYPE: Hand Sanitiser.

CONTAINERS: Bottles - Plastic.

2. COMPOSITION / INFORMATION ON INGREDIENTS**NAME AND % ACTIVE**

Water to 100%

Didecyldimethylammoniumchloride <0.5%

Alkyldimethylbenzylammoniumchloride <0.5%

Alkyl amine oxide <0.5%

pH stabilisers <0.5%

3. HAZARDS IDENTIFICATION

Possibly harmful if swallowed in very large quantities.

4. FIRST-AID MEASURES

EYE: Wash immediately with copious quantities of water. Seek medical advice.

SKIN: Not a known skin irritant.

INGESTION: Remove material from mouth. Drink 1 or 2 glasses of water. Obtain medical attention without delay.

INHALATION: Not appropriate.

EQUIPMENT AT WORK: Eye washing facilities.

5. FIRE-FIGHTING MEASURES

FLAMMABILITY: Not flammable.

EXPLOSIVE HAZARDS: None known.

SPECIAL PROTECTIVE CLOTHING: Breathing apparatus should be worn when tackling fires involving this product, mainly related to the plastic bottle combustion products.

SUITABLE EXTINGUISHERS: Any can be used.

EXTINGUISHERS WHICH CAN NOT BE USED: None.

HAZARDOUS COMBUSTION PRODUCTS: Toxic and irritant fumes may be given off when this product is heated to combustion.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: None essential but goggles will protect against contact with eyes.

SPILLAGE CLEAN-UP: Observe local legislation. Absorb large spillages with a mop or damp cloth. Wash residues and small quantities away to drains with water.

7. HANDLING AND STORAGE

HANDLING: No special precautions necessary if used correctly. Avoid eye contact and ingestion. Wash hands at the end of the work.

STORAGE: Store in original, closed containers in dry conditions. Avoid temperature extremes.

SHELF LIFE: Three years from date of manufacture.

OPEN LIFE: Not to exceed shelf life.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

None necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid

ODOUR: Odourless

SOLUBILITY IN WATER: Fully miscible

VISCOSITY AT 20°C: As water

pH: 6 – 8
BOILING POINT °C: 100
FLASH POINT: Not Applicable
DANGER OF EXPLOSION: Product is not explosive
DENSITY AT 20°C: 1.0 g/ml

10. STABILITY AND REACTIVITY

Stable if stored and used according to instructions. No dangerous reactions or degradation products known. Do not mix with anionic substances.

11. TOXICOLOGICAL INFORMATION

EYE: Probably slight irritation in 24 hours following exposure.
SKIN AND MUCOUS MEMBRANES: Not a known irritant.
INGESTION: Possibly harmful in very large volumes.
SENSITISATION: No sensitising effect known.
INHALATION: Not applicable.
OTHER TOXICOLOGICAL INFORMATION: Oral LD₅₀ rat: Expected >2000 mg/kg.

12. ECOLOGICAL INFORMATION

May be hazardous to water in very large volumes.

13. DISPOSAL CONSIDERATIONS

Disposal of product and packaging must be according to local regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous for transportation.

15. REGULATORY INFORMATION

In accordance with EC Directives / Ordinance on Hazardous Materials.
Code Letter and hazard designation of product: Product is not hazardous at the dilution provided.
Hazard determining components of labelling: None of the ingredients are hazardous at this low concentration.
Risk phrases: None.
Safety phrases:
26: In case of contact with eyes, rinse immediately with plenty of water and seek immediate medical advice.
45: In case of accident, adverse reaction or if you feel unwell, stop using the product and seek medical advice immediately.
Water hazard class: May be hazardous for water in very large amounts.

16. OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship. Use as directed.

End of Safety Data Sheet.

Reason for re-issues: Section 10: do not mix with anionic substances.