

SAFETY DATA SHEET



Trust Hygiene Services Limited

02310 – ZOFLORA DISINFECTANT

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE:	02310		
PRODUCT NAME:	ZOFLORA DISINFECTANT		12 x 56 ml
DISTRIBUTOR:	Trust Hygiene Services Limited Sutherland Avenue Wolverhampton West Midlands WV2 2JH	Telephone: Fax: Email:	0370 3500 988 01902 872289 sales@trusthygiene.co.uk

2. COMPOSITION/INFORMATION ON INGREDIENTS

An alcoholic solution of a quaternary ammonium compound.

HAZARDOUS INGREDIENTS:	CAS No.:	% w.w. (RANGE)	RISK PHRASES
BENZALKONIUM CHLORIDE	68989-00-4	< 5	22, 34, 50
ETHANOL	64-17-5	65 - 70	11
METHANOL	67-56-1	< 3	11, 23/24/25, 39/23/24/25

3. HAZARDS IDENTIFICATION

Product is classified as highly flammable and harmful if swallowed. May also cause sensitisation by skin contact.

4. FIRST AID MEASURES

INHALATION:	Remove to fresh air, keep warm and at rest. Seek medical attention.
INGESTION:	DO NOT INDUCE VOMITING. Rinse mouth out with water, give plenty of water to drink and seek immediate medical attention.
SKIN:	Wash well with soap and water. If irritation persists, seek medical advice.
EYES:	Immediately rinse well with large quantities of clean water, holding eye open for at least 10 minutes. Seek medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Product is highly flammable. Treat fires with either dry chemical, foam, water-spray or carbon dioxide – do not use water-jet. Keep containers cool with water spray. In the event of a fire, product may produce carbon dioxide/monoxide and alcohol fumes.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Extinguish sources of ignition. Wear suitable protective equipment. Absorb onto an inert material eg, sand or earth and transfer to suitable containers for subsequent disposal by a licensed waste contractor. If size warrants and has contaminated watercourses, drains or vegetation, advise appropriate authorities.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Always handle in a well-ventilated area to prevent build-up of vapour. Avoid static discharge and naked lights.

STORAGE PRECAUTIONS: Store in well closed containers in a cool place, away from sources of ignition.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Wear suitable rubber gloves, goggles/safety glasses and overalls are recommended if skin contact is likely. Always maintain a good standard of occupational hygiene when handling chemicals.



Exposure Limits:

Long term occupational exposure limit 1000ppm as ethanol.

LTEL 200ppm

STEL 250ppm as methanol

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear, Liquid
COLOUR:	Yellow
ODOUR:	Spirituos and perfumed
BOILING POINT (°C):	78
BOILING POINT (°C):	17
SOLUBILITY:	Soluble in water

10. STABILITY AND REACTIVITY

STABILITY:	Product is stable under normal conditions.
CONDITIONS TO AVOID:	Product will react violently with concentrated nitric and sulphuric acids.

11. TOXICOLOGY INFORMATION

No significant health hazard when properly used for the application it was designed for.

Effects due to overexposure when:

INHALATION:	Vapour may cause irritation of the mucous membranes. Intoxication leading to unconsciousness.
INGESTION:	Will cause intoxication and coma in severe cases. Accidental ingestion of a significant quantity is however considered an unlikely occurrence due to the bitter nature of the product.
SKIN CONTACT:	May cause irritation. Will cause smarting on cuts and abrasions. May cause sensitisation.
EYE CONTACT:	Will cause severe stinging sensation and may cause inflammation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Product is not considered a hazard to the environment when used as directed.
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13. DISPOSAL CONSIDERATIONS

DISPOSABLE METHODS:	Dispose of according to local regulations.
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14. TRANSPORT INFORMATION

UN No: 1170, Class 3, PG II

15. REGULATORY INFORMATION

Product is classed as Highly Flammable, Harmful and Irritant, under CHIP Regulations.

RISK PHRASES:	R11	Highly Flammable.
	R22	Harmful if swallowed.
SAFETY PHRASES:	R43	May cause sensitisation by skin contact.
	S2	Keep out of reach of children.
	S16	Keep away from sources of ignition – No Smoking.
	S24	Avoid contact with skin.
	S46	If swallowed, seek medical advice immediately and show container or label.

16. OTHER INFORMATION

USER NOTES: The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.

RISK PHRASES (ingredients given in section 2):	R11	Highly flammable
	R22	Harmful if swallowed.
	R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
	R34	Cause Burns.
	R36	Irritating to eyes.
	R38	Irritating to skin.
	R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
	R43	May cause sensitisation by kin contact.
	R50	Very toxic to aquatic organisms.
	R52/53	Harmful to aquatic organisms, may cause long term effects in the aquatic environment.
	R65	Harmful: may cause lung damage if swallowed.
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