

# SAFETY DATA SHEET



## 02310 – ZOFLORA DISINFECTANT

Trust Hygiene Services Limited

### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE:	02310		
PRODUCT NAME:	ZOFLORA DISINFECTANT		12 x 56 ml
MANUFACTURER:	Trust Hygiene Services Limited Sutherland Avenue Wolverhampton West Midlands WV2 2JH	Telephone:	0370 3500 988
		Fax:	01902 872289
		Email:	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

<b>INHALATION:</b>	Remove to fresh air, keep warm and at rest. Seek medical attention.
<b>INGESTION:</b>	DO NOT INDUCE VOMITING. Rinse mouth out with water, give plenty of water to drink and seek immediate medical attention.
<b>SKIN:</b>	Wash well with soap and water. If irritation persists, seek medical advice.
<b>EYES:</b>	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**

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

## **10. STABILITY AND REACTIVITY**

<b>STABILITY:</b>	Product is stable under normal conditions.
<b>CONDITIONS TO AVOID:</b>	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:

<b>INHALATION:</b>	Vapour may cause irritation of the mucous membranes. Intoxication leading to unconsciousness.
<b>INGESTION:</b>	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.
<b>SKIN CONTACT:</b>	May cause irritation. Will cause smarting on cuts and abrasions. May cause sensitisation.
<b>EYE CONTACT:</b>	Will cause severe stinging sensation and may cause inflammation.

## **12. ECOLOGICAL INFORMATION**

<b>ECOTOXICITY:</b>	Product is not considered a hazard to the environment when used as directed.
---------------------	--

## **13. DISPOSAL CONSIDERATIONS**

<b>DISPOSABLE METHODS:</b>	Dispose of according to local regulations.
----------------------------	--

## **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.

<b>RISK PHRASES:</b>	R11	Highly Flammable.
	R22	Harmful if swallowed.
<b>SAFETY PHRASES:</b>	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.

<b>RISK PHRASES (ingredients given in section 2):</b>	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.
<b>DATE CREATED:</b>	January 2009	