

MATERIAL SAFETY DATA SHEET (16 Point MSDS)

HD 2C - SURFACE DISINFECTANT Chemtol 100B (FG)

Chemical Product And Company Identification

Product Name : HD 2C - SURFACE DISINFECTANT Chemtol 100B (FG)

Distributor : Hygiene Disposables
Address : 1 Bushbuck Close – Unit 2
Corporate Park – South
Midrand, 1685
Telephone : 011 - 314 0714
Fax : 086 532 7777 / 011-314 0713
Emergency : 082 579 5219 / 082 964 1515
(24 Hours)

Manufacturer : P.A Dippenaar Investments
t/a Chemical Techniques
Address : 12 Sophia Street
West Turffontein, Johannesburg
South Africa
Telephone : 011 – 680 2516
Fax : 011 – 680 2533
Emergency : 083 406 1374
Technical : 083 297 1617

Section 1. Product Identification

Product Name : Surface Disinfectant Chemtol 100B (FG)
Product Code : HD 2C
Chemical / Technical Nature : Water based disinfectant & light duty
hygiene cleaner with antimicrobial actives.
Application : ULV Fogging, spray, mist and general mop & scrub applications
Certification : EN 1276 (FOOD GRADE - DISINFECTANT) / >LOG 5 / >99.999%
: NRCS : Act5GNR529/254722/040/1049 - (VC 8054)
Compliance : SANS 1853 / SANS 51276 / HACCP / ISO 22000
SYSTEMS COMPLIANT



Section 2. Composition & Information on Ingredients

Ingredients contributing to hazard	Cas no	Content %	Risk phrase	Safety phraseCIP / Boiler
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	> 10	R36	S46
Benzalkonium Chloride C12 – C16 (QAC)				
Secondary Alcohol Ethoxylate	84133-50-6	< 7.5	R22	S46
Ethylene Mono butyl glycol ether	111-76-2	< 10	R36	S46

For detailed risk and safety phrases see .15 of this MSDS. Please note data are typical of the product and not a specification or a full composition. The risk profile may change if this product is mixed with other compounds or as a blend within other components.

Revision of Hazardous Components based on SABS 0265:1999

Section 3. Hazards Identification

Primary Safety Hazard : Harmful if swallowed.
Secondary Safety Hazard : Can cause irritation to skin & eye.
Additional Info : Do not use in septic tank systems.

Section 4. First Aid Information

Eyes : Rinse with water.
Skin : Wash off with water.
Ingestion : Obtain medical attention.
Inhalation : Fresh Air

GENERAL NOTES TO THE PHYSICIAN AND / OR MEDICAL OFFICER :

Never give anything by mouth or induce vomiting to an unconscious person. Treatment of exposure should be directed at the control of the symptoms and the clinical condition of the patient. Depending on the risk profile of the product and the patient the symptoms may re-occur and/or change over time. In that event have the patient consult a physician again.

HYGIENE DISPOSABLES

1 Bushbuck Close - Unit 2, Corporate Park - South, Midrand
Tel: +2711 314 0714 • E-mail: sales@hyge.co.za • Web: www.hyge.co.za

Section 5. Fire Fighting Measures

Extinguishing Media	:	Dry powder, CO2, Water.
Special Hazards	:	None Known

Section 6. Accidental Release Measures

Clean up method	:	Dry sand. Discharge in accordance with local regulations. FOR SMALL LIQUID SPILLS (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. FOR LARGE LIQUID SPILLS (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material; and dispose of safely. Remove contaminated soil and dispose of safely.
Environmental precaution	:	Do not discharge large volume into sewers

Section 7. Handling And Storage

Handling Precautions	:	Normal Handling.
Storage	:	Cool storage, well ventilated, avoid high temperature.

Section 8. Exposure Controls / Personal Protection

Engineering Control Measures	:	None required
PERSONAL PROTECTION		
Hands	:	Wear gloves
Eyes	:	Goggles

Section 9. Stability And Reactivity

Stability	:	Stable under normal cool conditions
Hazardous Decomposition Products	:	None known

Section 10. Physical And Chemical Properties

Appearance	:	Non Viscous Liquid
Colour	:	Blue
Odour / Smell	:	Light Ethylene
Other Characteristics	:	Not Applicable
pH as Supplied	:	6.5 - 7.5 / Neutral Range
pH @ 1% v/water	:	6.5 - 7.5 / Neutral Range
Boiling Point Range / Degrees C	:	>100°C
Melting Point Range / Degrees C	:	Not Applicable
Viscosity at 20°C / mPa-s	:	4.0 cps (Spindle 1 speed 30)
Flash Point / Degrees C	:	Not Applicable
Explosion Limits in Air %	:	Not Tested
Vapour Pressure at 20°C	:	Not Tested
Specific Gravity - (SG)	:	1.0 - 1.05
Soluble in Water	:	Yes
Soluble in Other	:	Not Applicable
Other Data / Comments	:	PH may vary depending on water quality / mineral content / TDS / COD.

These data references are typical for the product and not a specification

HYGIENE DISPOSABLES

1 Bushbuck Close - Unit 2, Corporate Park - South, Midrand
Tel: +2711 314 0714 • E-mail: sales@hyg.co.za • Web: www.hyg.co.za

Section 11. Toxicological Information / Health Effects

Inhalation	:	None
Skin Contact	:	Can dry skin
Eye Contact	:	Will cause irritation, seek medical assistance.
Ingestion	:	Potential for discomfort and abdominal pain including nausea, vomiting and diarrhea.
Specific Effects	:	None experienced or reported. Irritant to eye, harmful if ingested in large undiluted volumes seek medical attention should symptoms not subside or worsen. Do not leave un-attended.

Section 12. Ecological Information

Biodegradability	:	Contains readily biodegradable ingredients This product can be successfully bio-remediated.
BioAccumulation	:	Not Tested
Eco Toxicity	:	Non-toxic in small diluted volumes. Do not discharge large undiluted volumes.

Section 13. Disposal Considerations

In accordance with Local Regulations. In the event that disposal of material is conducted by a third party please ensure that the service provider is authorized and reputable. Please contact the manufacturer for additional information if required.

Material Disposal	:	Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.
Container Disposal	:	Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Refer to Section 7 before handling the product or containers. Residues may cause an explosion hazard if heated above the flash point. Do not puncture, cut or weld unclean drums. Send to drum recoverer or metal reclaimer.
Local Legislation	:	Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

Section 14. Transport Information : Road and Rail Only

ADR / RID (Road / Rail)

UN Number	:	Not Applicable
Class	:	9
Item	:	Not Applicable
Additional Information	:	Will cause slippery spill

Section 15. Regulatory Information / EEC Classification

Warning Phrase	Caution	Symbol
Risk Phases	Harmful if Swallowed	R22
	Can cause irritation to eye	R36
Safety Phases	Keep Out of Children Reach	S2
	Keep Container Closed	S7
	When Using: Do Not Eat or Drink	S20
	Avoid Contact with Eyes	S25
	In Case of Contact : Wash Eye with water	S26
	If Swallowed : Seek Medical Advice	S46
Product Contains	:	Cationic Biocides
Additional Information	:	Only trained personnel should handle this product.

Section 16. Other Information

Personnel using this product must be trained and advised on the best, safest and most effective means of application.

Prepared by: RP Dippenaar

Date of Issue: January 2013

Revised: September 2020 4/2020

The information contained herein is based on our best current technical knowledge of the product concerned and is given in good faith. The attention of end users is drawn to (amongst other things) the element of risk consequent to the use of the product for purposes other than that for which it was intended. In no way does the document remove the need for the user of this product to fully understand and apply statutory requirements. It is the user's sole responsibility to take due precautions relative to the use made of the product. All the information included herein is intended onto to assist the reader in fulfilling his or her statutory duty connected with the use of hazardous materials. This list of information must not be considered as exhaustive and does not exonerate the reader from taking other precautions described in documents other than those mentioned concerning the storage and use of the product for which he or she remains the sole person responsible.

HYGIENE DISPOSABLES

1 Bushbuck Close - Unit 2, Corporate Park - South, Midrand
Tel: +2711 314 0714 • E-mail: sales@hyg.co.za • Web: www.hyg.co.za