

MATERIAL SAFETY DATA SHEET (16 POINT MSDS)

Disclaimer and important safety notice

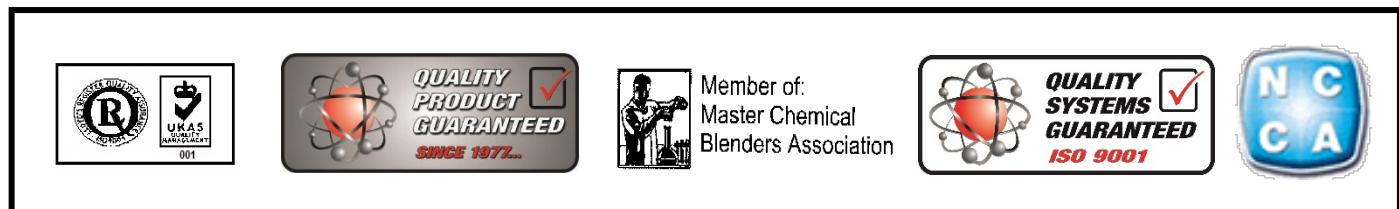
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Date of issue: Jan 2013	Revised date: Nov 2020	Revision : 3 / 2017
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Supplier identification and information

Manufacturer name	P.A Dippenaar investments t/a Chemical Techniques		
Address of manufacturing	12 Sophia street, West Turffontein , Johannesburg Gauteng , South Africa		
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Email	info@chemicaltechniques.co.za	Email	chemicals@worldonline.co.za

Supplier quality systems



AN ISO 9001 SYSTEMS CERTIFIED COMPANY

1. Product identification

PRODUCT CODE	PRODUCT NAME	MANUFACTURE NAME
00352	INTERLUDE BIOCLEAR 360ML URI SANITISER	CL BIO MAINTAIN

Chemical /technical nature	Concentrated biological hygiene cleaner & obnoxious odor controller / neutralizer.
Application type	Universal “green” cleaner – Septic tank safe

Additional Certification	N/a
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2. Composition /information on ingredients

Ingredients contributing to hazard	Content %	Risk-Phrase	Safety Phrase
Viable bacillus strain	< 10		S26
Enzyme blend / lipase / amylase / protease	< 10		S26
Glycol	< 5	R36	S26
Non-ionic 2AE	< 10	R36	S26
Inhibitors / stabilizers / fragrance	< 2	R36	S26

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.

3. Hazard identification

Primary Safety Hazard	Can cause irritation to eye
Secondary Safety Hazard	N/a
Additional info	N/a

4. First aid measures

Inhalation	Fresh air
Skin contact	Remove contaminated clothing, rinse with water, & or wash with soap. Apply cream to dry skin if required
Eye contact	Rinse with water, keep eye lids open. If discomfort does not subside within 30 minutes seek further medical attention if required.
Ingestion	Do not induce vomiting, keep person calm & seek medical attention.

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.

5. Fire-fighting measures

Extinguishing media	Dry powder or foam agent
Specific hazards	N/a

6. Accidental release measures

Clean up method	<p>Dry sand. Discharge in accordance with local regulations.</p> <p>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.</p> <p>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.</p>
Environmental precaution	Do not discharge large volume into sewers

7. Handling and storage

Handling	Caution should be taken. Do not decant or use near open flame or any form of heat.
Storage	Cool storage, well ventilated, avoid high temperature. Keep container sealed and marked at all times. Keep away from naked flame.

8. Exposure controls / personal protection

Engineering measures	Non-specific requirements
Personal protective equipment	Eye protection.

9. Stability and reactivity

Stability	Stable under normal cool conditions.
Hazardous decomposition products	Not known

10. Physical and chemical properties

Appearance	Non viscous liquid
Color	Amber –opaque
Odor / Smell	Citrus blend
Other characteristics	May separate , shake before use
PH as supplied	6 – 9
PH @ 1% v/water	7
Boiling Point rage / Degrees C	> 100
Melting Point Range / Degrees C	N/a
Viscosity @ 20 Degrees / mPa-s	N/a
Flashpoint / Degrees C	N/a
Auto Ignition Temp / Degrees C	N/a
Explosion limits in air %	N/a
Vapor pressure @ 20 Degrees C	N/a
Specific Gravity - (SG)	1.01 – 1.05
Soluble in water	Yes
Soluble in other	N/a

Other data / comments	No
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These data are typical for the product and not a specification

11. Toxicological information / health effects

Inhalation	None.
Skin contact	Can cause irritation to sensitive skin.
Eye contact	May cause irritation.
Ingestion	Not tested, no severe symptoms expected.

Specific effects	Non known
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12. Ecological information

Biodegradability	Contains readily biodegradable properties. This product can be successfully bio-remediated.
Ecotoxicity	Non-toxic.
Bioaccumulation	Not tested.

13. Disposal consideration

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.

14. Transport information / road and rail only

Transport type	UN No	Class	Item
ADR/RID (Road/Rail)	-	9	-

Additional transport information	May cause slippery spill
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15. Regulatory information / EEC classification

Warning phrase	Caution	Symbol
R-phrase	Can cause irritation to eye	R36
S-phrase	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 advise	S46

Product contains	Natural microbes & surfactants
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Additional information	No
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16. Other information

General info	Personnel using this product must be trained and advised on the best, safest and most effective means of application.
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Issued by	R.P DIPPENAAR	Signed	
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