

# QUATSAN PLUS



Date Issued: 11/06/2019

Rev. date: 11/06/2019

Product: QUATSAN PLUS

Page 1 of 5

## COMPANY DETAILS

Name: BD Chemicals	Emergency Tel. No. (011)7765076/0834693828/0783892507
Address: 56 Stanley Rd Knights Germiston, Gauteng, South Africa	Postal Address: PO Box 4120 Germiston South 1411
Tel. No. (011) 7765076	

## 1. PRODUCT IDENTIFICATION

Trade Name:	QUATSAN PLUS
Description:	A concentrated twin chain liquid quaternary ammonium chloride based disinfectant, detergent formulated specifically for the food industry.

## 2. HAZARDOUS COMPONENTS

	CAS#	ECC CLASS	%
Didecyl Dimethyl Ammonium Chloride	68424-85-1	270-325-2	5-10
C12-15 Alcohol Ethoxylate	68131-39-5	****	5-10



## 3. HAZARD IDENTIFICATION

Main hazard	May irritate skin, eyes, mucous membranes of mouth, throat and esophagus
Explosive hazard	None
Fire	Does not support combustion
Chemical hazard	Irritant
Health effects - eyes	May cause irritation
Health effects - skin	May cause irritation
Health effects - ingestion	HARMFUL. Causes stomach distress, nausea and vomiting
Health effects - inhalation	People with lung problems may be more affected


 Management System  
 ISO 9001:2015

 www.tuv.com  
 ID 9105086504

# QUATSAN PLUS



Date Issued: 11/06/2019

Rev. date: 11/06/2019

Product: QUATSAN PLUS

Page 1 of 5

## 4. FIRST AID

Product in eyes:	Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 min, holding eyelids apart so as to rinse entire eye. <b>CALL A PHYSICIAN IMMEDIATELY.</b>
Product on skin:	Immediately flush skin with plenty of cool running water for at least 15 min while removing contaminated clothing and shoes; discard or wash well before reuse.
Product ingested:	Rinse mouth at once; then drink 1 or 2 glasses of water. <b>DO NOT</b> induce vomiting. <b>NEVER</b> give anything by mouth to an unconscious person.
Product inhaled:	Immediately move to fresh air. If breathing is difficult administer oxygen, if breathing stopped give artificial respiration.

\*For any serious contact situation – GET MEDICAL ATTENTION\*

## 5. FIRE FIGHTING MEASURES

Extinguishing media	Use method appropriate for surrounding fire. The product does not support combustion
Special hazards	Does not support combustion.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use proper protective equipment
Environmental precautions	Prevent release of product to sewers & waterways
Small spills	Using water, flush to sewer. Can be neutralized before flushing to sewer.
Large Spills	Dike or dam large spills. Pump to containers or soak up with an inert absorbent. Using Water, flush residue to sewer

## 7. HANDLING AND STORAGE

Suitable material	Polyethylene containers, use original packaging
Loading/unloading precautions	Wear protective equipment
Handling/storage precautions	Wear protective equipment. Store in cool, dry well ventilated place away from acidic products


 Management System  
 ISO 9001:2015

 www.tuv.com  
 ID 9105086504

# QUATSAN PLUS



Date Issued: 11/06/2019

Rev. date: 11/06/2019

Product: QUATSAN PLUS

Page 1 of 5

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protection- respiratory	Avoid breathing mists or vapors of this product
Personal protection - eyes	Wear chemical splash goggles. For continued or severe exposure wear a face shield over goggles.
Personal protection - skin	Wear any industrial rubber gloves, synthetic apron, other protective equipment as necessary to prevent skin contact
Other	Access to emergency eye wash and shower is recommended



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Colourless Liquid
Odor	Unperfumed
pH	10-12 (100%)
Specific Gravity	1.05 (20°C)
Solubility - water	Mixes with water in all proportions
Flammability	Not Flammable
Flash point	Not Applicable
Melting point	Not applicable
Boiling point	→ 100°C
Auto-flammability	Not Applicable
Explosive properties	Not Applicable
Vapor pressure	Not Applicable


 Management System  
 ISO 9001:2015

 www.tuv.com  
 ID 9105086504

# QUATSAN PLUS



Date Issued: 11/06/2019

Rev. date: 11/06/2019

Product: QUATSAN PLUS

Page 1 of 5

## 10. STABILITY AND REACTIVITY

Conditions to avoid	Dilute product by slowly adding to water. Do not mix with other products.
Stability	Stable under normal conditions of use and handling
Hazardous decomposition products	None known

## 11. TOXICOLOGICAL INFORMATION

Acute exposure	Corrosive to skin, eyes.
Chronic exposure	Not applicable
Carcinogenicity	Not applicable
Mutagenicity	Not applicable
Neurotoxicity	Not applicable
Reproductive hazards	Not expected to impair fertility

## 12. ECOLOGICAL INFORMATION

General	Large quantities released will produce pH level changes.
Aquatic	Contamination of Aquatic systems should be avoided.
Biodegradability	Product is bio-degradable
Bio-accumulation	Not expected to bio-accumulate

## 13. DISPOSABLE CONSIDERATIONS

Unused products are corrosive, consult local authorities for limits on chemical waste disposal. Rinse out empty container thoroughly with water before disposal.

## 14. TRANSPORT INFORMATION

UN No.	1903
Packing Group	II
Class	9


 Management System  
 ISO 9001:2015

 www.tuv.com  
 ID 9105086504

# QUATSAN PLUS



Date Issued: 11/06/2019	Rev. date: 11/06/2019	Product: QUATSAN PLUS	Page 1 of 5
-------------------------	-----------------------	-----------------------	-------------

## 15. REGULATORY INFORMATION

### RISH PHRASES

**RISK PHRASES:**

R36; Irritating to eyes  
R37; Irritating to respiratory system  
R38; Irritating to skin

**SAFETY PHRASES:**

S24; Avoid contact with skin  
S25; Avoid contact with eyes  
S36; Wear suitable protective clothing

## 16. OTHER INFORMATION

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, No WARRANTY, EXPRESS OR IMPLIED, IS MADE TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION

Rev. no.	Rev. date	Reason for revision	Responsible person
0	11/06/2019	First issue in 16-point format	Richard Gaddi



Management System  
ISO 9001:2015



www.tuv.com  
ID 9105086504