



# SAFETY DATA SHEET

## BB550 CLEANER DISINFECTANT SACHETS

2 Review date: 18/03/2015

RE EC/453/Version: 2010 - ISO 11014-1

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Product identifier: CLEANER DISINFECTANT

1. 2. Relevant identified uses of the substance or mixture and uses advised against:

Disinfectant/Sanitiser

1. 3. Details of the supplier of the safety data sheet

Jangro Ltd  
Jangro House  
Worsley Road  
Farnworth  
Bolton  
BL4 9LU  
Tel: 0845 458 5223  
Fax: 01204 576801  
Email: [enquiries@jangrohq.net](mailto:enquiries@jangrohq.net)  
Website: [www.jangro.net](http://www.jangro.net)

1. 4. Product code nr:

BB550

1. 5. Emergency telephone number:

UK - National Poisons Information Service Phone: 44 / 191 22 5131

### 2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture:

In accordance with Regulation (EC ) No 1272/2008 and has daptations

\* Acute Tox. 4 / GHS07 - H302 \*

\* Skin Corr. 1A / GHS05 - H314 \*

\* Aquatic Acute 1 / GHS09 - H400 \*

Accordance with 67 /548 / EEC , 1999/45 / EC and their amendments

C R34

N R50

2. 2. EC number:

Not applicable.

2. 3. Contains:

- Fatty alcohol ethoxylate
- Chloride N-alkyl ( C12-14 ) -N -benzyl- N, N-dimethylammonium
- quaternary ammonium

2. 4. Label elements (R - S):



2. 4. 1. Symbol(s):

Xi - Irritant ; N - Dangerous for the environment

2. 4. 2. R-phrases(s):

34 Causes burns.

50 Very toxic to aquatic organisms.

2. 4. 3. S-phrases(s):

2 Keep out of the reach of children.

8 Keep container dry.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
46 If swallowed, seek medical advice immediately and show this container or label.

61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

2. 5. Label elements (CLP - SGH):



Warning



Danger



Warning

2. 5. 1. Symbol(s): .

2. 5. 2. Hazard statement:

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H400 Very toxic to aquatic life.

2. 5. 3. Prevention:

P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P260 Do not breathe dust / fume / gas / mist / vapours / spray.  
P280 Wear protective gloves / protective clothing / eye protection / face protection.

P273 Avoid release to the environment.

2. 5. 4. Response:

P301 IF SWALLOWED:  
P312 Call a POISON CENTER / doctor if you feel unwell.  
P330 Rinse mouth.  
P331 Do NOT induce vomiting.  
P303 IF ON SKIN (or hair):  
P361 Take off immediately all contaminated clothing.  
P353 Rinse skin with water / shower.  
P363 Wash contaminated clothing before reuse.  
P304 IF INHALED:  
P340 Remove person to fresh air and keep comfortable for breathing.  
P310a Immediately call a POISON CENTER / doctor.  
P321 Specific treatment  
P305 IF IN EYES:  
Rinse cautiously with water for several minutes.  
P338 Remove contact lenses, if present and easy to do. Continue rinsing.  
P391 Collect spillage.

2. 5. 5. Storage:

P405 Store locked up.

2. 5. 6. Disposal:

P501a Dispose of contents / container in accordance with local / regional / national / international regulation

2. 6. Other hazards:

The solution in water is a weak base.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Formula:

191382V3

3. 2. Component(s) contributing to the Hazard

- Fatty alcohol ethoxylate
  - CAS nr: 157627-86-6
  - Conc. (weight %) : 1 < C ≤ 5
  - R-S : Symbol(s): Xn - R-phrases: 22-41
  - SGH : SGH07 - Acute Tox. 4 - Exclamation mark - Warning - H302 - SGH05 - Eye Dam. 1 - Corrosion - Danger - H318 - Aquatic. Chronic 3 - H412
  - Miscellaneous :  
NOEC / = >0,1 - <1 mg/l  
LC50 / Acute toxicity - aquatic / 48h / Fish = >1 - <10 mg/l  
CE50 / Acute toxicity - aquatic / 72h / Algae = >1 - <10 mg/l  
CE50 / Acute toxicity - aquatic / 48h / Daphnia magna = >1 - <10 mg/l
- Chlorure de N-alkyl(C12-14)-N-benzyl-N,N-dimethylammonium
  - CE nr: 287-089-1 - CAS nr: 85409-22-9
  - Conc. (weight %) : 5 < C ≤ 10
  - R-S : Symbol(s): C N - R-phrases: 22-34-50
  - SGH : SGH07 - Acute Tox. 4 - Exclamation mark – Warning/Corrosion - Danger - H314 SGH09 - Aquatic Acute 1 - Environment - Warning - H400

- Ammonium quaternaire
- CAS nr: .7173-51-5
- Conc. (weight %) : 1 < C ≤ 5
- R-S : Symbol(s): C N - R-phrase(s): 10-22-34-50-67
- SGH : SGH06 - Acute Tox. 3 - Skull and crossbones - Danger - H301 - SGH05 - Skin Corr. 1B
- Corrosion - H314 SGH09 - Aquatic Acute 1 - Environment - Warning - H400
- sodium carbonate
- Id nr: 011-005-00-2 - CE nr: 207-838-8 - CAS nr: 497-19-8 - REACH registration number : 01- 2119485498-19
- Conc. (weight %) : 60 < C ≤ 70
- R-S : Classification: • Xi; R 36 •
- SGH : SGH07 - Irr. oc. 2A - Exclamation mark - Warning - H319 - Irr. oc. 2B

The wording of the sentences are mentioned at heading 16.

#### **4. FIRST AID MEASURES**

##### 4. 1. Description of first aid measures:

- |   |   |
|---|---|
| 4. 1. 1. General advice:  | For symptom description, see item 11.<br>In case of doubt or persistent symptoms, consult always a physician.                             |
| 4. 1. 2. Inhalation:  | Take victim to fresh air, in a quiet place and if necessary take medical advice.  |
| 4. 1. 3. Skin contact:  | Rinse first with plenty of water and if necessary take medical advice.  |
| 4. 1. 4. Eye contact:   | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.   |
| 4. 1. 5. Ingestion:   | Never give anything by mouth to an unconscious person.<br>If swallowed, seek medical advice immediately and show this container or label. |
| 4. 2. Most important symptoms and effects, both acute and delayed:                |   |
| 4. 2. 1. Inhalation:  | Irritating to the respiratory system, may cause throat pain and cough..   |
| 4. 2. 2. Skin contact:  | Causes burns.   |
| 4. 2. 3. Eyes contact:  |   |
| 4. 2. 4. Ingestion:   |   |
| 4. 3. Indication of any immediate medical attention and special treatment needed: | Notes to Physician  |

#### **5. FIREFIGHTING MEASURES**

- |  |  |
|--|--|
| 5. 1. Extinguishing media:   | The product itself does not burn.<br>In case of fire in the surroundings: all extinguishing agents allowed: foam, powder, carbon dioxide (CO <sub>2</sub> ), water spray |
| 5. 2. Special hazards arising from the substance or mixture:         |  |
| 5. 3. Advice for firefighters:                                       | In case of fire and/or explosion do not breathe fumes.   |
| 5. 4. Extinguishing media which must NOT be used for safety reasons: | Use a self-contained breathing apparatus and also a protective suit.   |
| .  | None   |

#### **6. ACCIDENTAL RELEASE MEASURES**

- |  |  |
|--|--|
| 6. 1. Personal precautions, protective equipment and emergency procedures: | Avoid dust formation<br>Avoid contact with skin, eyes, or clothing   |
| 6. 2. Environmental precautions:   | Prevent liquid from entering sewers, watercourses, underground or low areas.   |
| 6. 3. Methods and material for containment and cleaning up:                | Sweep up and shovel without dust, and dispose as normal cabbage.<br>After cleaning, flush traces away with water. Only small quantities. |
| 6. 4. Reference to other sections:   | Concerning personal protective equipment to use, see item 8.<br>Concerning disposal elimination after cleaning, see item 13.             |

#### **7. HANDLING AND STORAGE**

7. 1. Handling:	
7. 1. 1. Precautions for safe handling:	Avoid breathing dust, mist or spray.
7. 1. 2. Technical condition(s): ...	
7. 1. 3. Safe handling advice(s):	Keep container tight closed.
7. 2. Storage:	
7. 2. 1. Conditions for safe storage, including any incompatibilities:	Keep container tightly closed and dry
.	
7. 2. 2. Storage condition(s):	Store in a dry place.
7. 2. 3. Separation of incompatible product(s):	
7. 2. 4. Packaging / tank material:	Plastic packaging are recommended.
7. 3. Specific end use(s):	Business use

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

8. 1. Control parameters:	
8. 1. 1. Exposure limit(s):	
8. 2. Exposure controls:	
8. 2. 1. Respiratory protection:	No personal breathing protective equipment is normally required. In case of insufficient ventilation wear suitable respiratory equipment.
8. 2. 2. Hand protection:	In case of accidental tearing of the sachet: PVC or other plastic material or natural rubber gloves
8. 2. 3. Skin and body protection:	Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.
8. 2. 4. Eye protection:	Wear eye/face protection
8. 2. 5. Personal protection Equipment	Avoid contact with skin, eyes and clothing.
8. 3. Hygiene measure(s):	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Avoid contact with the skin and the eyes. Do not eat, drink, or smoke during work. Do not breathe dust. Wash hands immediately after handling the product.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

9. 1. Information on basic physical and chemical properties:	
9. 1. 1. Appearance:	solid in polyvinyl alcohol film
9. 1. 2. Colour:	orange
9. 1. 3. Odour:	characteristic
9. 1. 4. PH:	Not applicable.
9. 1. 5. Boiling point/range: .	
9. 1. 6. Flash point:	Non applicable
9. 1. 7. Explosion limits:	Not applicable.
9. 1. 8. Relative density (water = 1): .	
9. 1. 9. Bulk density:	0.8+/-0.1 at 20°C
9. 1. 10. Viscosity:	Undetermined
9. 2. Other information:	
9. 2. 1. Water solubility:	completely soluble
9. 2. 2. Fat solubility: .	
9. 2. 3. Solvent solubility:	

## **10. STABILITY AND REACTIVITY**

10. 1. Reactivity:	
10. 2. Chemical stability:	
10. 3. Possibility of hazardous reactions:	Never mix with other materials.
10. 4. Conditions to avoid:	Decomposes when moist.
10. 5. Incompatible materials:	
10. 6. Hazardous decomposition products:	Do not breathe fumes.

## **11. TOXICOLOGICAL INFORMATION**

11. 1. Information on toxicological effects:	No available information on preparation.
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11. 2. 1. Inhalation:	Irritating to the respiratory system, may cause throat pain and cough.
11. 2. 2. Skin contact:	Causes burns.
11. 2. 3. Eyes contact:	
11. 2. 4. Ingestion:	
11. 3. Chronic toxicity:	Not available.

## 12. ECOLOGICAL INFORMATION

12. 1. Toxicity:	Very toxic to aquatic organisms.
12. 2. Persistence and degradability:	The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004
12. 3. Bio-accumulative potential:	
12. 4. Mobility in soil:	
12. 5. Results of PBT and vPvB assessment:	
12. 6. Other adverse effects:	
12. 6. 1. Toxicity to fish:	C Chloride N-alkyl ( C12-16 ) -N, N -dimethyl -N- benzyl ( CAS : 68424-85-1 ) Fish LC50 ( 96h) Pimephales promelas : 0.28 mg / l EC50 Daphnia magna (48h) Daphnia magna : 0.06 mg / l Didecyldimethylammonium ammonium chloride (CAS No. : 7173-5 1-5) Fish LC50 ( 96h) Pimephales promelas : 0.19 mg / l EC50 Daphnia magna (48h) Daphnia magna : 0.06 mg / l
12. 6. 2. Toxicity to bacteria:	Chloride N-alkyl ( C12-16 ) -N, N -dimethyl -N- benzyl ( CAS : 68424-85-1 ) EC50 activated sludge (3h) : 7,75 mg / l Method OECD 209  Didecyldimethylammonium ammonium chloride (CAS No. : 7173-5 1-5) Bacteria EC50 (3h) Activated sludge : 11 mg / l

## 13. DISPOSAL CONSIDERATIONS

13. 1. Waste treatment methods:	Collect all waste dispose according to local legislation.
13. 2. Contaminated packaging:	Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.
13. 3. Local / national disposal regulation(s):	Environmental Code art . L.541-11 and R.541-13 to 39 to 41 ( disposal) , art.R.541-42 48 (waste processing circuits )

Decree of 29/07/05 (control of disposal routes )

## 14. TRANSPORT INFORMATION

14. 1. General information(s):	Transport followed ADR, IMDG, IATA
14. 2. UN number:	3077
14. 2. 1. UN proper shipping name:	HAZARDOUS MATERIAL POINT OF ENVIRONMENT , SOLID, NOS - ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, NOS (contains chloride benzalkonium chloride and didecyldimethylammonium chloride)
14. 3. Land (Road / Railway: ADR/RID):	
14. 3. 1. Transport hazard class(es):	9
14. 3. 2. Packing group:	III
14. 3. 3. ADR/RID-Labels:	9
14. 3. 4. Code danger:	90
14. 3. 5. Classification code:	M7 274
14. 3. 6. Packing instructions:	P002 IBC08 LP02 R001 -/- PP12 B3
14. 4. 1. Class:	9
14. 4. 2. Packaging group	: III
14. 4. 3. Marine pollutant:	OUI

14. 4. 4. EmS number:	F-A, S-F
14. 4. 5. IMDG-Label(s):	9
14. 4. 6. Packing instructions:	P002 LP02 -/- PP12
14. 5. Air (ICAO/IATA):	
14. 5. 1. ICAO/IATA class:	9
14. 5. 2. Packing group	: III
14. 5. 3. ICAO/IATA-Labels:	9
14. 5. 4. Important remarks:	Passenger and cargo aircraft
14. 6. Environmental hazards:	
14. 7. Special precautions for user:	
14. 8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	

## 15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

15. 2. Chemical safety assessment:

## 16. OTHER INFORMATION

16. 1. According legislation(s): This safety data sheet is in compliance with regulation (CE) 1907/2006 - 1272/2008 and adaptings.

16. 2. Text of the phrases listed in section 3:

R22 Harmful if swallowed.  
R41 Risk of serious damage to eyes.  
R34 Causes burns.  
R50 Very toxic to aquatic organisms.  
R10 Flammable.  
R67 Vapours may cause drowsiness and dizziness  
R36 Irritating to eyes.  
H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.  
H314 Causes severe skin burns and eye damage.  
H400 Very toxic to aquatic life.  
H301 Toxic if swallowed.  
H319 Causes serious eye irritation.

16. 3. Important remarks:

ECE Regulation 648/2004 following composition :  
Didecylidimethylammonium chloride (CAS : 7173-51 -5) : 4.2% ( m / m)  
Benzalkonium chloride ( CAS No. 85409-22-9 ) : 6.5% ( m / m)

Non -ionic surfactants : <5%  
disinfectant

Information in this safety data sheet is based on actual knowledge in our possession and our experience.  
It is user's liabilities to take all necessary measures to meet local required laws and regulations.  
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.

16. 4. Restrictions

This information relates to the specific material designated and may not be valid in combination with other product(s).  
The use of this preparation is reserved to the professional users.

16. 5. 1. First edition date:

24/11/11

16. 5. 2. Previous revision date:

28/03/13

16. 5. 3. Review date:

18/03/2015

16. 5. 4. Version:

2

16. 5. 5. Review chapter(s) n°:

2-3-4-11-16