



SAFETY DATA SHEET CLEANER DISINFECTANT SACHETS

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name CLEANER DISINFECTANT SACHETS
Product No. BB550

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Detergent. Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier Jangro Ltd
 Jangro House
 Worsley Road
 Farnworth
 BL4 9LU
 Tel: 0845 458 5223
 Fax: 01204 576801
 enquiries@jangrohq.net

1.4. Emergency telephone number

0845 458 5223

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) C;R34. N;R50.

Human health

Corrosive to skin and eyes. Prolonged skin contact may cause redness, irritation and dry skin. Dust may irritate throat and respiratory system and cause coughing.

Environment

The product contains a substance which is toxic to aquatic organisms.

2.2. Label elements

Labelling



Corrosive



Dangerous for the environment

Risk Phrases

R34 Causes burns.
R50 Very toxic to aquatic organisms.

Safety Phrases

S2 Keep out of the reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CLEANER DISINFECTANT SACHETS

3.2. Mixtures

DIDECYLDIMETHYLAMMONIUM CHLORIDE		1-5%
CAS-No.: 7173-51-5	EC No.: 230-525-2	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314	Classification (67/548/EEC) C;R34 Xn;R22	
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides		1-5%
CAS-No.: 85409-22-9	EC No.: 287-089-1	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. C;R34. N;R50.	
ALCOHOL ETHOXYLATE		1-5%
CAS-No.: 157627-86-6	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. Xi;R41. N;R50.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

If medical attention is required present a copy of this datasheet to the physician.

Inhalation

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Do not give victim anything to drink if he is unconscious. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available.

Skin contact

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation.

Irritation of nose, throat and airway.

Ingestion

Chemical burns. May cause chemical burns in mouth and throat.

Skin contact

Chemical burns. Burning pain and severe corrosive skin damage.

Eye contact

Extreme irritation of eyes and mucous membranes, including burning and tearing.

4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

CLEANER DISINFECTANT SACHETS

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

None under normal conditions. During fire, toxic gases (CO, CO₂) are formed.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Use water to keep fire exposed containers cool and disperse vapours.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Use protective gloves, goggles and suitable protective clothing. Avoid inhalation of dust.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

GENERAL. Inform Authorities if large amounts are involved. Wash thoroughly after dealing with a spillage. Shovel into dry containers.

Cover and move the containers. Flush the area with water.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage Class

Chemical storage.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate general and local exhaust ventilation.

CLEANER DISINFECTANT SACHETS

Respiratory equipment

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash.

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Other Protection

Provide eyewash station. Wear appropriate clothing to prevent reasonably probable skin contact. Wear dust masks in dusty areas.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Skin protection

Wear apron or protective clothing in case of contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Powder, dust
Colour	Orange.
Odour	No characteristic odour.
Solubility	Soluble in water.

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid contact with oxidisers or reducing agents.

10.5. Incompatible materials

Materials To Avoid

Strong acids.

10.6. Hazardous decomposition products

None under normal conditions. During fire, toxic gases (CO, CO₂) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No information available.

Inhalation

Irritating to respiratory system. Dust may irritate respiratory system or lungs.

Ingestion

Causes burns. May cause chemical burns in mouth and throat.

Skin contact

Causes burns. May cause serious chemical burns to the skin.

Eye contact

Causes burns. May cause chemical eye burns.

Toxicological information on ingredients.

CLEANER DISINFECTANT SACHETS
DIDECYLDIMETHYLAMMONIUM CHLORIDE (CAS: 7173-51-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

238 mg/kg Rat

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

Ecological information on ingredients.

DIDECYLDIMETHYLAMMONIUM CHLORIDE (CAS: 7173-51-5)

Acute Toxicity - Fish

LC50 96 hours 0.19 mg/l Pimephales promelas (Fat-head Minnow)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 0.062 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 96 hours 0.026 mg/l Freshwater algae

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides (CAS: 85409-22-9)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 0.016 mg/l Daphnia magna

12.2. Persistence and degradability

Degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

No specific disposal method required. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 1759

UN No. (IMDG) 1759

14.2. UN proper shipping name

CLEANER DISINFECTANT SACHETS

Proper Shipping Name Corrosive Solid, n.o.s. (N-Alkyl N-Benyl N-dimethylammonium Chloride)

14.3. Transport hazard class(es)

ADR/RID/ADN Class Class 8: Corrosive substances.

IMDG Class 8

Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



14.6. Special precautions for user

EMS F-A, S-B

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

Control of Substances Hazardous to Health. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 ("CDG 2009"), SI 2009 No 1348 The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

CLEANER DISINFECTANT SACHETS

Abbreviations and acronyms used in the safety data sheet

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

ADR: European Agreement concerning the International Carriage of dangerous Goods by Road.

IMDG: International Maritime Code for Dangerous Goods.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

EINECS: European Inventory of Existing Commercial Chemical Substances.

CAS: Chemical Abstract Service.

DNEL: Derived No-Effect Level.

PNEC: Predicted No-Effect Concentration.

LD50: Lethal dose, 50 percent.

LC50: Lethal concentration, 50 percent. WEL: Workplace Exposure Limit.

STEL: Short Term Exposure Limit.

TWA: Time Weighted Average.

PBT: Persistent Bioaccumulative Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

Revision Comments

The information contained herein is based on known available data believed to be reliable but does not constitute the users own assessment of the work place risk as required by other Health and Safety Legislation.

Revision Date 07-04-2014

Revision 1

Safety Data Sheet Status Approved.

Date 07-04-2014

Risk Phrases In Full

R34 Causes burns.

R22 Harmful if swallowed.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

Hazard Statements In Full

H318 Causes serious eye damage.

H314 Causes severe skin burns and eye damage.

H302 Harmful if swallowed.

H400 Very toxic to aquatic life.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.