



## SAFETY DATA SHEET

# BD 505

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

**Product name:** BD 505  
**Identified uses:** Sanitising Agent for Chemical Toilets  
**Supplied by:** Hugh Crane (Cleaning Equipment) Limited  
South Walsham Road  
Acle, Norwich  
Norfolk NR13 3ES  
**Telephone:** 01493 750072

### 2. HAZARDS IDENTIFICATION

**Signal word:** Warning



**Hazard Statements:** H315+320: Causes skin and eye irritation.  
H402: Harmful to aquatic life  
See section 15 for precautionary statements

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains a mixture of sanitising agents, colouring and fragrance in an aqueous solution.

Chemical Name	EINECS No.	CAS No.	Content	Classification
Polyamino carboxylate	N/a	N/a (polymer)	<1%	H315 H320
Non-ionic surfactant	Not listed	68439-45-2	< 5%	H302 H319
Benzylkonium chloride	269-919-4	68391-01-5	< 5%	H302

Non hazardous ingredients include water, fragrance and colouring.

### 4. FIRST AID MEASURES

**Inhalation:** Not normally applicable.  
**Ingestion:** Wash out mouth with water. Give plenty of water to drink. If feeling unwell, seek medical advice.  
**Skin contact:** Remove contaminated clothing and wash with water.  
**Eye contact:** Irrigate the eye thoroughly with plenty of clean water, with eyelids open, for at least 15 minutes, and seek medical advice.

### 5. FIRE FIGHTING MEASURES

Product is non-flammable and does not support combustion. Select extinguishing media as appropriate to the circumstances of the fire.

**Exposure hazards:** Thermal decomposition may release oxides of carbon and nitrogen.

### 6. ACCIDENTAL RELEASE MEASURES

Contain spillages with sand or other absorbent media. Place into plastic containers for safe disposal. Small spillages and residues may be flushed away with water.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes.  
**Storage:** Keep out of the reach of children.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### RECOMMENDED SAFETY EQUIPMENT:

**Eye protection:** Safety goggles or face shield.  
**Hand protection:** Latex or vinyl gloves.  
**Skin protection:** Overalls and safety shoes/boots.  
**Respiratory protection:** Not applicable in normal use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Blue-purple coloured liquid  
**Odour:** Citrus  
**pH value:** Approx. 7.0 @ 20° C  
**Boiling point:** Over 100° C  
**Flash point:** Not applicable  
**Relative density:** Approx. 1.016 @ 20° C (water = 1.000)  
**Water solubility:** Fully miscible



## **10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions of storage and use.

**Reactivity:** No known hazardous reactions in normal use. Carbon and nitrogen oxides may be released during thermal decomposition.

## **11. TOXICOLOGICAL INFORMATION**

Benzylkonium chloride - LD50 - 795 mg/kg.

## **12. ECOLOGICAL INFORMATION**

This product does not contain any PBT or vPvB substances.

May be harmful to aquatic organisms if released in large quantities. LC50 fish > 100 mg/l

## **13. DISPOSAL CONSIDERATIONS**

Surplus material should be disposed of through a licensed waste operator.

## **14. TRANSPORT INFORMATION**

Not classified as hazardous for transport.

## **15. REGULATORY INFORMATION**

Labelling according to EU requirements:

**Hazard symbol:**



**Hazard statements:**

H315+320: Causes skin and eye irritation

H402: Harmful to aquatic life

**Precautionary statements:**

P102: Keep out of the reach of children

P262: Do not get in eyes, on skin or on clothing

P302+352: IF ON SKIN: Wash with soap and water

P305+351: IF IN EYES: Rinse cautiously with water for several minutes

## **16. OTHER INFORMATION**

The contents of hazardous ingredients listed in section 3 are expressed as a percentage of active matter calculated on a weight/volume basis unless otherwise specified.

The ingredients used in this product, where applicable, are registered under the REACH system with the European Chemicals Agency (ECHA).

**Legal disclaimer:**

The foregoing information is based on the state of our knowledge and experience of the product and the various ingredients used in the preparation. It is given in good faith but no warranty is implied. Buyers must satisfy themselves as to the suitability of the product and take responsibility for making their own assessments.

**Date of issue:**

1<sup>st</sup> March 2019

**Revised:**

4<sup>th</sup> November 2020

**End of Safety Data Sheet.**