

CC110 Bryta Dishwashing Detergent2

Material Safety Data Sheet

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1. Product And Company Information

Name:	Bryta Dishwashing Detergent
Use:	Cleaning Product
Product Code:	CC110
Supplied By:	Johnson Diversey UK Limited
Information Department:	Weston Favell Centre Northampton NN3 8PD
Emergency:	0800 0520185

2. Hazard Identification

Corrosive-causes severe burns.

This product contains a material with an WEL published in HSE document EH40.

3. Composition / Information On Ingredients

Ingredient Name:	EINECS No:	CAS No:	Content:	Symbol:	Risk (R No.)
Sodium Hydroxide (WEL)	215-185-5	1310-73-2	15-30%	C	R35
Tetrasodium (1-hydroxyethylidene) bisphosphonate	223-267-7	3794-83-0	5-15%	Xn, Xi	R22-36/38

The full text for all R-phrases are shown in section 16.

4. First Aid Measures

Inhalation:	Remove from source of exposure. Obtain immediate medical attention.
Ingestion:	Remove product from mouth, give the casualty a small amount of water to drink and seek medical advice. Do not induce vomiting.
Skin:	Wash skin immediately and thoroughly with water. Remove contaminated clothing. Obtain medical attention if symptoms develop.
Eyes:	Rinse immediately with copious amounts of water, holding the eyelids open and obtain immediate medical attention.

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5. Fire Fighting Measures

Non Flammable	In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder extinguishers. May evolve toxic fumes if involved in a fire. Firefighters should wear self contained breathing apparatus and suitable protective clothing, including gloves and eye/face protection.
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6. Accidental Release Measures

Spill Clean Up Methods:	Wear suitable protective clothing including gloves and eye/face protection. Hose away with plenty of water diluting to at least 1% w/v (10 g/litre) unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.
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7. Handling And Storage

Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative. Store in original closed containers in a cool, dry place.

8. Exposure Controls / Personal Protection

Hand:	Use gloves resistant to Sodium Hydroxide.
Eyes:	When handling neat product wear eye/face protection to EN 166.
Skin:	Wear protective overalls or bib resistant to alkalis.
Respiration:	When the product is used as directed, personal protective equipment is not required unless a risk assessment indicates the need for it.
WEL: Ref. HSE Publication EH40.	Sodium Hydroxide: W.E.L. 2 mg/cu.m 15 min ref time.

9. Physical And Chemical Properties.

Appearance:	Clear yellow liquid
Odour:	Characteristic.
pH:	>12.5
Density:	1.32 g/ml
Solubility:	Fully miscible in water.

10. Stability And Reactivity.

Keep away from acids. Exothermic reaction with acids. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

11. Toxicological Information.

Inhalation:	Corrosive – Causes severe or permanent damage.
Skin:	Corrosive - causes severe burns.
Eyes:	Corrosive - causes severe burns.
Ingestion:	Corrosive - Strong caustic effect on mouth and throat and danger of perforation to oesophagus and stomach.

12. Ecological Information

Ingredients according to EC 89/542

5% to 15% : Nitrilotriacetic acid.

Less than 5% : Phosphonates.

13. Disposal

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances)

Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996.

Small Quantities:	Wear suitable gloves and eye/face protection. Dilute with water to at least 1% w/v (10 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste.
Large Quantities:	For larger quantities contact a licensed waste management company.

European waste catalogue 20 01 15 Alkalines

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14. Transport Information

EEC Regulation:	C, CORROSIVE, Sodium Hydroxide, Solution, UN1824, Class 8, PGII
IMDG/UN:	Sodium Hydroxide, Solution, UN1824, Class 8, PG II
RID/ADR:	Class 8, Item 42(b)
ICAO/IATA:	Passenger Aircraft: 809, Y809, Cargo Aircraft: 813

15. Regulatory Information

Hazard Symbol:	C, CORROSIVE, Sodium Hydroxide.
Risk Phrases:	R35 – Causes severe burns.
Safety Phrases:	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 the label where possible). This product contains a material with an OES/MEL published in HSE document EH40.

16. Other Information

Handle and apply only as recommended, for full information see product information sheet.

Text of risk phrases associated with ingredients in section 2.

R22	Harmful if swallowed.
R35	Causes severe burns.
R36/38	Irritating to eyes and skin.

Changes made to sections 3,4,9,11 and 16

Version – 02

Updated By – Chris Wren

Date – 09/03/10

The information on this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.