SAFETY DATA SHEET

compiled according to Regulation (EC) No. 453/2010

Compilation date: 23/03/15 **Revision:** 1*

1. Identification of the Substance/Preparation and of the Company/Undertaking

1.1. Product identifier

Product form: Mixture
Trade name : **Beaucare 5-in-1 Dishwasher Tablets**
Product group : Trade product
Product code : **KE47B2**

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

1.2.1. Relevant identified uses

Main use category : Professional use
Function or use category : Washing and cleaning products (including solvent based products).
Premium-grade, individually wrapped, multi-action tablets providing; enzymes, oxygen bleach, salt, rinseaid, glass-shine function, and stainless steel enhancer.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company Name:
Beaucare Medical Limited
Hornbeam Sq. West,
Hornbeam Park,
Harrogate,
N. Yorks.,
HG2 8PA
Tel: 01423 873666

2. Hazards Identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 H318

2.1.2 Classification according to Directive 67/548/EEC or 1999/45/EC

Xi; R41

2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Pictograms (CLP)



Signal word (CLP): Danger
Hazard Statements (CLP): H318: Causes serious eye damage

Precautionary Statements (CLP): P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P102 - Keep out of reach of children
P280 - Wear eye protection



P310 - Immediately call a POISON CENTER/doctor
P101 - If medical advice is needed, have product container or label at hand
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
Drink small amount of water to dilute

The full texts for all R-, H- and EUH-phrases are displayed in Section 16 'Other Information'.

2.3 Other Hazards

Other hazards not contributing to the classification: No presence of PBT and vPvB ingredients.

3. Composition/information on ingredients:

Common Name	**CAS No./ EC No.**	**Classification** Accoding to Directive 67/548/EEC	**Conc (%)**
SODIUM CARBONATE	497-19-8 207-838-8	Xi; R36.	20 - 40%
SODIUM CARBONATE PEROXIDE	15630-89-4 239-707-6	Xn; R22. Xi; R36, R38. O; R8	10 - 25%
SODIUM SILICATE	1344-09-8 215-687-4	Xi; R38, R41	1 - 5%
MANGANESE SULPHATE MONOHYDRATE	10034-96-5	Xn; N; R48/20/22-51/53	0.1 - 1%
ENZYMES	9014-01-1 232-752-2	Xi; R37/38, R41, R42. Xn; R22. N; R50	0.1 - 1%

Common Name	**CAS No./ EC No.**	**Classification** Accoding to (EC) 1272/2008 (CLP)	**Conc (%)**
SODIUM CARBONATE	497-19-8 207-838-8	Eye Irrit. 2, H319	20 - 40%
SODIUM CARBONATE PEROXIDE	15630-89-4 239-707-6	Ox Sol. 3, H272 Acute Tox. 4, H302 Eye Dam. 1, H318	10 - 25%
SODIUM SILICATE	1344-09-8 215-687-4	Eye Irrit. 2, H319 STOT SE3, H335 Skin Irrit. 2, H315	1 - 5%
MANGANESE SULPHATE MONOHYDRATE	10034-96-5	Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Chronic 2, H411	0.1 - 1%
ENZYMES	9014-01-1 232-752-2	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334	0.1 - 1%

STOT SE 3, H335

The full texts for all R-, H- and EUH-phrases are displayed in Section 16 'Other Information'.

4. First-aid measures
4.1. Description of first aid measures
First-aid measures after inhalation : IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if you feel unwell.
First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention, and discontinue use of product.
First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
First-aid measures after ingestion : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a doctor.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries after inhalation : Coughing. sneezing.
Symptoms/injuries after skin contact : Redness. Swelling. dryness. Itching.
Symptoms/injuries after eye contact : Severe pain. Redness. Swelling. Blurred vision.
Symptoms/injuries after ingestion : Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhoea.

4.3. Indication of any immediate medical attention and special treatment needed
Refer to section 4.1.

5. Fire fighting measures
Extinguishing media: Product itself is not explosive or flammable. The product itself will not burn. If anything, packaging may be involved in a fire. Use CO_2, dry chemical powder, alcohol resistant foam or other media appropriate for materials actually involved in the fire. If water is used, contain run-off.
Special hazards: When heated sufficiently, product may decompose to form smoke and toxic fumes.
Special protective equipment: Fire fighters should wear approved self-contained breathing apparatus and full protective clothing.

6. Accidental release measures
Personal precautions:
Avoid contact with skin and eyes. For appropriate personal protection see section 8.
Environmental precautions:
Although this product is suitable for down the drain disposal it is advised that as much of the solid is contained and scooped up, before final dispersal of any residue with water.
Methods and material for containment and clean-up:
Prevent leakage into sewers or surface water by utilising bunding, absorbent booms, drain covers and soil or sand dikes. Contact appropriate environmental protection agencies, (Environment Agency in the UK) and local water authorities if significant contamination occurs.
For small and large spills: scoop spillage into suitable plastic containers and rework/dispose as per local legislation.

7. Handling and storage
Precautions for safe handling:
Avoid contact with neat product on skin and eyes. Wear protective clothing as per section 8.
Storage precautions:
Store in closed original container in a cool and dry area.

8. Exposure controls / personal protection
8.1. Control parameters
8.1.1. National limit values: No additional information available
8.2. Exposure controls

8.2.1. Appropriate engineering controls:	Not applicable.
8.2.2. Personal protective equipment	
Hand protection:	Not applicable.
Eye protection:	Wear eye/face protection.
Skin and body protection:	Not applicable.
Respiratory protection:	Not applicable.
8.2.3. Environmental exposure controls:	Not available

9. Physical and chemical properties

Appearance: Coloured Tablet in wrapper
Odour: Pleasant
pH (10% aqueous solution) : ca. 11
Melting point: Not determined
Boiling point: Not determined
Flash point: Not combustible
Evaporation rate: Not determined
Flammability: Not combustible
Explosive properties: Non-Explosive
Oxidising properties: Not determined
Vapour pressure/density: Not determined
Relative density: ca. Not Determined
Water solubility: Soluble
Partition coefficient: Not determined
Auto ignition temperature: Not combustible
Decomposition temperature: Not determined
Viscosity: Not determined

10. Stability and reactivity
Stability:
Stable under normal conditions.
Conditions to avoid:
None
Materials to avoid:
Do not mix with other cleaning products unless advised to do so by a professional from the industry.

11. Toxicological information
Acute toxicity: Not determined by ingestion. Non toxic by dermal contact or inhalation. May cause vomiting if very large quantities are ingested. Do not induce vomiting.
Irritation/corrosivity: Irritation to skin and eyes. If irritant effects are seen, these may be significant to moderate, depending on exposure. If in contact with eyes flushing with water is recommended.
Sensitisation: May provoke a sensitisation reaction.
Repeated dose toxicity: Repeated exposure to low levels (e.g. diluted in washing water) will not cause adverse effects.
Carcinogenicity/mutagenicity/teratogenicity: Based on available data the classification criteria are not met.

12. Ecological information
On the basis of raw materials and comparable substances contained in the product the following ecological evaluation is obtained.
Ecotoxicity: This product is intended for wide dispersive use, is not considered harmful to aquatic organisms and is compatible with the down-the-drain disposal route. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Persistence and degradability: This product has not been found to cause long-term adverse effects in the environment. The surfactants used in this product are biodegradable in line with the requirements of EU Detergent Regulation (EC) No 648/2004.

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.
Bioaccumulative potential: The surfactant ingredients of this product are not expected to bioaccumulate.
Mobility in soil: Not determined.

13. Disposal considerations
Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.
The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC/648/2004 on detergents.

14. Transport information

UN No:	None
Classification:	Not classified as hazardous for transport.
UN proper shipping name:	None
Transport hazard class:	Not subject to ADR/IATA/IMDG/RID codes.
Packing group:	None
Environmental hazards:	None
Special precautions for user:	None

15. Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1. EU-Regulations
No REACH Annex XVII restrictions. Contains no substance on the REACH candidate list
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.

15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

16. Other information
Usage and handling instructions are not mentioned on this Material Safety Data Sheet. The labelling of the product is indicated in Section 2.2.

The full text of the R-, H- and EUH-phrases indicated in this safety data sheet are as follows:

R8 Contact with combustible material may cause fire.
R22 Harmful if swallowed.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R37 Irritating to respiratory system.
R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R42 May cause sensitisation by inhalation.
R50 Very toxic to aquatic organisms
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Acute Tox. 4 (Oral): Acute toxicity (oral), Category 4

Aquatic Chronic 2:	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1:	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2:	Serious eye damage/eye irritation, Category 2
Ox. Sol. 3:	Oxidising Solids, Category 3
Skin Irrit. 2:	Skin corrosion/irritation, Category 2
STOT SE 3:	Specific target organ toxicity- single exposure, Category 3, Respiratory tract irritation
STOT RE 2:	Specific target organ toxicity- repeated exposure
H272	May intensify fire; oxidiser
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects

The information given has been compiled with reference to the Chemicals (Hazard Information & Packaging For Supply) Regulations (CHIP4) 2009 as amended, the Registration, Evaluation, Authorisation & Restriction of Chemicals (REACH) Regulations, as amended, the Control of Substances Hazardous to Health Regulations (COSHH) 2002, as amended, and 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. This information also harmonises the provisions and criteria for the classification and labelling of substances, mixtures and certain specific articles within the Community, taking into account the classification criteria and labelling rules of the GHS.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.