









SAFETY DATA SHEET

Biological Laundry Powder

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1 Product Name	Biological Laundry Powder		
SDS No	PP/01	Rev Date:	1/1/2020
1.3 Application	Commercial Laundry Application		
1.4 Supplier	Cleaning Supplies 2U Unit 3, Wallace Court Road Three, Winsford Industrial Estate Winsford, Cheshire CW7 3PD Tel: 01606 863637 Email: info@cleaningsupplies2u.co.uk		

SECTION 2. HAZARD IDENTIFICATION

Classification (EC1272/2008)													
2.1 Signal Word	Danger												
2.1 Classification	Physical: Not classified Health: Eye Damage 1 - H318; skin Irritation. 2 - H315 Environmental Not classified												
Hazard Statements	H315 – Causes skin irritation. H318 – Causes serious eye damage.												
Precautionary Statements	P102 – Keep out of reach of children. P264 – Wash Hands thoroughly after handling. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 – IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.												
2.2 Labelling	<table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GHS05</td> <td>GHS07</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							GHS05	GHS07				
													
GHS05	GHS07												
2.3 Other Hazards	EUH 208 – Contains Perfume. May produce an allergic reaction.												

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture			
Product	EC (EINECS No.)	CAS-No.	%
Sodium Carbonate	207-838-8	497-19-8	15-30
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Eye Irritation. 2 – H319. Environmental: Not Classified.			
Product	EC (EINECS No.)	CAS-No.	%
Sodium Percarbonate Peroxyhydrate	239-707-6	15630-89-4	5-10
Classification (EC 1272/2008)			
Physical: Ox. Sol. 2 – H272. Health: Acute Tox. 4 – H302, Eye Dam. 1 – H318. Environmental: Not Classified.			
Product	EC (EINECS No.)	CAS-No.	%
Sodium Metasilicate Pentahydrate	229-912-9	10213-79-3	<5
Classification (EC 1272/2008)			
Physical: Met Corr. 1 – H290. Health: Skin Corr. 1B – H314, Eye Dam. 1 – H318, STOT SE 3 – H335. Environmental: Not Classified.			
Product	EC (EINECS No.)	CAS-No.	%
Sodium Dodecyl Benzene Sulphonate	246-680-4	25155-30-0	<5
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Acute Tox. 4 – H302, Eye Dam. 1 – H318, Skin Irritation. 2 – H315. Environmental: Not Classified.			
Product	EC (EINECS No.)	CAS-No.	%
C9-11 Alcohol Ethoxylate 6-8 MOLES EO	N/a	68439-46-3	<1
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Acute Tox. 4 – H302, Eye Dam. 1 – H318. Environmental: Not Classified.			
Product	EC (EINECS No.)	CAS-No.	%
SUBTILISIN	232-752-2	9014-01-1	0.02
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Skin Irritation. 2 – H315, Eye Dam. 1 – H318, Resp. Sens. 1 – H334, STOT SE 3 – H335. Environmental: Not Classified.			
Product	EC (EINECS No.)	CAS-No.	%
LIPASE	232-619-9	9001-62-1	0.02
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Resp. Sens. 1 – H334. Environmental: Not Classified.			
Product	EC (EINECS No.)	CAS-No.	%
AMYLASE	232-565-6	9000-90-2	0.02
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Resp. Sens. 1 – H334. Environmental: Not Classified.			
Product	EC (EINECS No.)	CAS-No.	%

Parfum'	N/a	N/a	0.04
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Skin. Sens. 1 – H317 Environmental: Chronic Cat 2 - H411			

For the full text of the H-statements mentioned in this section, see section 16.

SECTION 4. FIRST-AID MEASURES

<u>4.1 Description of First Aid Measures</u>	
Inhalation	Move exposed person to fresh air. Get medical attention if irritation persists
Ingestion	Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water. Get medical advice immediately! If irritation continues
Skin Contact	Remove contaminated clothing and wash with soap and water. Get medical attention if irritation persists
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses if safe and easy to do so, open eyes wide apart. Get medical attention immediately. Continue to rinse.
<u>4.2 Most Important Symptoms and effects, both acute and delayed</u>	
General Information	Symptoms described are dependent upon the concentration and exposure time
Inhalation	Possible irritation of throat, nose & airway
Ingestion	Irritation, possible burns to throat mouth and stomach
Skin Contact	Possible Irritation to skin
Eye Contact	Possible serious eye damage
<u>4.3 Indication of immediate medical attention and special treatment needed if necessary</u>	

SECTION 5. FIRE-FIGHTING MEASURES

<u>5.1 Suitable Extinguishing Media Use:</u>
The preparation is not readily flammable, use fire-extinguishing media suitable for surrounding materials
<u>5.2 Specific Hazard arising from the chemical</u>
When heated in the case of fire, harmful or toxic gases may be produced
<u>5.3 Special protective actions for fire fighters</u>
Self-contained breathing apparatus and full protective clothing must be worn

SECTION 6. ACCIDENTAL RELEASE MEASURES

<u>6.1 Personal Precautions, protective equipment and emergency procedures</u>
a. The wearing of suitable protective equipment (including personal protective equipment, see section 8 of this SDS) to prevent any contamination of skin, eyes and personal clothing. b. Provide sufficient ventilation. c. Follow precautions for safe handling described in section 7 of this SDS.
<u>6.2 Environmental Precautions</u>
Spillages of uncontrolled discharges into watercourses must be Immediately alerted to the Environmental Agency or other appropriate regulatory body, without endangering individuals every effort should be made to prevent entrance to drains.
<u>6.3 Methods and material for containment and clean up</u>
Drains should be Bunded or capped to prevent entrance or damage. Ventilate well. Dilute with copious amounts of water. Flush area with plenty of water.

SECTION 7. HANDLING AND STORAGE

<u>7.1 Precautions for safe handling</u>
Avoid Spilling, skin and eye contact. Do Not Smoke in Work Area! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using, do not eat, drink or smoke.
<u>7.2 Conditions for safe Storage, including incompatibilities</u>
Keep containers tightly closed. Keep in original containers. Do not allow product to freeze, avoid extreme temperatures

7.3 Specific end use(s)
 The identified use for this product is detailed in section 1.2.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	STD	Consumer	Industry	Notes		
Sodium Carbonate	DNEL		Long Term	10mg/m3 Inhalation		
Sodium Metasilicate Pentahydrate	DNEL	Long Term	0.74mg/kg/day	Long Term	1.49mg/kg/day	Dermal
		Long Term	1.55mg/m3	Long Term	6.22mg/m3	Inhalation
		Long Term	0.74mg/kg/day	-	-	Oral

DNEL= Derived No Effect Level

8.1 Control parameters

Name	STD	TWA – 8 Hrs	STEL – 15 Min	Notes
SUBTILISIN	WEL		0.00004 mg/m3	

WEL= Workplace Exposure Limit

8.2 Appropriate engineering controls

Provide adequate ventilation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Granular powder		
Colour	White – Green with speckles		
Odour	Pleasant		
Solubility	Soluble in water		
pH value	9-10	Boiling Point (°C)	N/a
Relative Density	1.1 – 1.2		
9.2 Other information			

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity	None known
10.2 Chemical stability	Stable under normal temperature conditions and recommended use.
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	Avoid excessive heat for prolonged periods of time. Do Not allow to freeze
10.5 Incompatible materials	Avoid strong Acids
10.6 Hazardous decomposition products	Oxygen, Oxides of: Carbon

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological information
 We have not carried out any animal testing; therefore, we have no toxicological data specifically for this product. The toxicological data, where provided by the raw material manufacture, can be made available on request.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

We have not carried out any Aquatic testing; therefore, we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity data, where provided by the raw material manufacturer for the ingredients with aquatic toxicity can be provided on request

12.2 Persistence and degradability

Degradability: the surfactants used in this preparation are designed for disposal via normal foul water disposal methods

12.3 Bioaccumulate potential

This preparation does not contain any substance that is expected to be bioaccumulating

12.4 Mobility in soil

Soluble in water

12.5 Results of PBT and VPVB

This preparation does not contain and PBT or VPVB substances

12.6 Other adverse effects

Not Known

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The preparation is designed for disposal via foul drain after use. Large volumes to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Clean used container and recycle.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as hazardous for transport, as per IATA, ADR & IMDG.

SECTION 15. REGULATORY INFORMATION

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

Guidance notes: Workplace Exposure Limits EH40

EU Legislation: Safety Data sheets prepared in accordance with REACH Commission Regulation (EU) No 453/2010 Packaging & Labelling of dangerous preparations. Ingredients are listed with classification under GHS / CLP – Regulation (EC) No 1272/2008 classification, ADR 2013

15.2 Chemical Safety Assessment

Not applicable this product is a mixture

SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	1/0
Generated	1/1/2020
SDS No.	PP/01
SDS Status	Ok
Approved	2/1/2020
Notes	This information relates only to the specific material designed 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 date indicated. However, no warranty, guarantee or representation is made as 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.
Hazard statements in full	H272 – May intensify fire, oxidizer. H290 – May be corrosive to metals. H302 – Harmful if swallowed. H314 – Causes severe skin burns and eye damage. H315 – Causes skin irritation. H317 – May cause an allergic skin reaction. H318 – Causes serious eye damage. H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 – May cause respiratory irritation. H411 – Toxic to aquatic life with long lasting effects.
Supplementary P- Statements	P310 – Immediately call a POISON CENTER or doctor/physician. P362 – Take off contaminated clothing and wash before reuse. P332 + P313 – If skin irritation occurs: Get medical advice/attention.
EUH Statements	EUH 208 – Contains Perfume. May produce an allergic reaction.

END of SDS