

Bri



MATERIAL SAFETY DATA SHEET PRODUCT INFORMATION

BRI BIOLOGICAL POWDER

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

1.1 PRODUCT IDENTIFIER



**GLOVEMAN
SUPPLIES LTD**

Bri Bio Concentrated Laundry Powder

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

GLOVEMAN SUPPLIES
VISION HOUSE, JON DAVEY DRIVE
TRELEIGH INDUSTRIAL ESTATE, REDRUTH
CORNWALL
TR16 4AX

TEL: 01209 314759 | EMAIL: sales@gloveman.co.uk

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE/MIXTURE AND USES ADVISED AGAINST

General Description:

A concentrated laundry powder that contains a good balance of tough action performance cleaning agents. This powerful formulation has the ability to achieve very high standards of processing giving excellent results.

Directions For Use:

Wash according to the instructions on the garment label. Articles which may run should be washed quickly and separately. For flame resistant finishes wash quickly. No soaking. Do not use on very delicate items such as silk or cashmere wool. Hand Washing: 100G of powder per 10LT water allowing the powder to dissolve completely. Rinse thoroughly. Machine Washing: Set wash temperature between 50oC-70oC. Per nominal 4-5KG load in medium water conditions use 100G (2/3 of a cup) for everyday soiling. For heavy soiling use more powder where required and for extremely heavily soiled clothing use a maximum of 400G per wash.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION UNDER CLP
(EC) NO 1272/2008 [EU-GHS/CLP]

PHYSICAL AND CHEMICAL HAZARDS
HUMAN HEALTH
ENVIRONMENT

Not classified.
Skin Corr. 1b – H314
Not classified.

CLASSIFICATION UNDER CHIP
(67/548/EEC OR 1999/45/EEC)

2.2 LABEL ELEMENTS

PICTOGRAM CODE

GHS05

PICTOGRAM



SIGNAL WORD

DANGER

HAZARD STATEMENTS

H314 - Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS

PREVENTION

P260 - Do not breath dust.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

STORAGE

P102 - Keep out of reach of children.

RESPONSE

P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353 - IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical advice/attention.

DISPOSAL

P501 - Dispose of contents/container in accordance with local regulations.

2.3 OTHER HAZARDS

EUROPEAN UNION
(DANGEROUS SUBSTANCES DIRECTIVE)

EUH none

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

SUBSTANCE	CAS. NO	EINECS No.	HAZARD	RANGE
Sodium Carbonate	497-19-8	207-838-8	H319	20-50%
Sodium Metasilicate Pentahydrate	10213-79-3	229-912-9	H290, H314, H318, H335	5-15%
Amylase	9000-90-2	232-565-6	H334	<1%
Sodium Dodecyl Benzene Sulphonate	25155-30-0	246-680-4	H302, H315, H318	<1%
Parfum			H317, H411	<1%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE

Remove contaminated clothing and wash before reuse.

AFTER INHALATION

Move the exposed person(s) to fresh supply of air. Get medical attention if discomfort continues.

AFTER CONTACT WITH SKIN

Wash from skin immediately. If skin becomes sore or inflamed seek medical attention.

AFTER CONTACT WITH EYES

Irrigate with water for 10 to 15 minutes until irritation subsides and seek medical attention.

AFTER INGESTION

Obtain medical attention immediately. If conscious, give plenty of water to drink, do not induce vomiting.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The severity of symptoms described will vary depending on concentration and length of exposure.

INHALATION

Possible irritation of throat, nose and airway.

CONTACT WITH SKIN

Skin irritation.

CONTACT WITH EYES

Possible serious eye damage.

INGESTION

Irritation, possible burns to throat mouth and stomach.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically. Use water to neutralize product in the case of skin, eye contact or ingestion.

SECTION 5: FIREFIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA

This product is not flammable. Use fire extinguishing media appropriate for surrounding area.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

When heated in the case of fire, harmful or toxic gases may be produced.

5.3 ADVICE FOR FIRE FIGHTERS

Wear self-contained breathing apparatus and protective clothing as appropriate to the associated fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Always use appropriate PPE. Avoid breathing dust/vapours (if any) and ensure adequate ventilation. Cordon off area to other personnel.

6.2 ENVIRONMENTAL PRECAUTION

Do not allow to enter surface water drains, soil/subsoil. Spillages or discharges into water course must be reported immediately to environment agency.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Absorb with sand or binder and dispose of according to local regulations. Small spillages brush or vacuum up taking care not to create excessive dust.

6.4 REFERENCE TO OTHER SECTIONS

See Section 8 and 13 for more information on exposure and disposal.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Provide good ventilation in working area. Wash hands after use and do not allow to enter surface water drains.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store only in original containers out of reach of children. Storage temperature should be between 5°C and 30°C.

7.3 SPECIFIC END USE(S)

See section 1.2 and label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Sodium Carbonate DNELs 10mg/m³, Sodium Metasilicate DNELs 1.55mg/m³, WEL TWA – 8 Hrs, STEL – 15 Min. SUBTILISIN 0,00004 mg/m³.

8.2 EXPOSURE CONTROLS

Do not eat, drink or smoke whilst working and wash hands after use.

PICTOGRAM(S)



WEAR SUITABLE
HAND PROTECTION



WEAR SUITABLE EYE
PROTECTION



AVOID BREATHING
IN DUST

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOUR

White granular powder with coloured speckles and pleasant odour.

pH LEVEL

10-11

FLAMMABLE/FLASH POINT

Not flammable.

SOLUBILITY

Soluble/dispersible in water.

RELATIVE DENSITY

1.1

9.2 OTHER INFORMATION

No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Not known to react with other chemicals.

10.2 CHEMICAL STABILITY

No stability concerns.

10.3 POSSIBILITY OF HAZARDOUS REACTION

None known.

10.4 CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

10.5 INCOMPATIBLE MATERIALS

None known.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

When heated toxic and corrosive vapours may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

INHALATION	Possible irritation of throat, nose and airway.
CONTACT WITH SKIN	Skin irritation.
CONTACT WITH EYES	Possible serious eye damage.
INGESTION	Irritation, possible burns to throat mouth and stomach.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

12.1 TOXICITY

No aquatic testing has been carried out for this product.

12.2. PERSISTENCE AND DEGRADABILITY

Product regarded as biodegradable.

12.3. BIOACCUMULATIVE POTENTIAL

Product regarded as biodegradable.

12.4. MOBILITY IN SOIL

Soluble in water.

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

This substance is not identified as a PBT substance.

12.6. OTHER ADVERSE EFFECTS

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

This product is not classified as hazardous waste under the special waste (amendment) regulations (SI 1996/2019). For disposal contact a licensed waste management company. Rinse out container at least twice in water and recycle if facilities exist or dispose of as commercial waste. European waste catalogue: 20 01 29.

SECTION 14: TRANSPORT INFORMATION

14.1. UN NUMBER

14.2. UN PROPER SHIPPING NAME

BRI BIO

14.3. TRANSPORT HAZARD CLASS(ES)

14.4. PACKING GROUP

14.5. ENVIRONMENTAL HAZARDS

14.6. SPECIAL PRECAUTIONS FOR USER

No information.

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

No information.

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

STATUTORY INSTRUMENTS

Classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

APPROVED CODE OF PRACTICE

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

GUIDANCE NOTES

ECHA Guidance on the application of CLP criteria (Version 4: November 2013). ECHA Guidance on the compilation of safety data sheets (Version 2.1: February 2014)

15.2. CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out as product is a mixture.

SECTION 16: OTHER INFORMATION

16.1. REVISION COMMENTS

This product is now using classification from GHS/CLP- Regulation (EC) No 1272/2008 classification and labelling & packaging of. The risk statements listed below relate to the raw materials in the product not the product itself.

HAZARD STATEMENT IN FULL (CLP)

H290 - May be corrosive to metals.

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

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.

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. The user assumes all liability for any damage or injury resulting from abnormal use, from the failure to adhere to recommended practises, or from hazards inherent in the nature of the product. In accordance with our policy of incorporating technical improvements, we reserve the right to amend any specification without notice.