

<b>1. Identification of the substance/mixture and of the company/undertaking</b>	
<b>1.1 Product identifiers</b>	
Product Name	Biosoft
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Product Description	Laundry fabric softener
<b>1.3 Details of the supplier of the safety data sheet</b>	
Company	Hychem (Pty) Ltd 562 15th Road Randjesfontein Midrand PO Box 5742; Rivonia; 2128
Telephone Number	011 466 1885
Email Address	SalesJhb@Hychem.co.za
<b>1.4 Emergency telephone</b>	
Emergency Number	011 466 1885
<b>2. Hazards identification</b>	
<b>2.1 Classification of the substance or mixture</b>	
Classification according to Regulation (EC) No 1272/2008	Not classified as hazardous according to Regulation (EC) No 1272/2008 EUH210: Safety data sheet available on request.
<b>2.2 Label elements</b>	
Labelling according to Regulation (EC) No 1272/2008	
Pictogram(s)	Not applicable
Signal Word	Not applicable
Hazard Statement(s)	Not applicable
Precautionary Statement(s)	Not applicable
<b>2.3 Other hazards</b>	
	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
<b>3. Composition/information on ingredients</b>	
<b>3.1 Mixture</b>	
Component   CAS Number   Weight	Not applicable
<b>4. First aid measures</b>	
<b>4.1 Description of first-aid measures</b>	
General advice	Show this material safety data sheet to the doctor in attendance.
Inhalation	After inhalation: fresh air. Call in physician.
Skin Contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower. Consult a physician.
Eye Contact	After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.
Ingestion	After swallowing: caution if victim vomits.Keep airways free. Call a physician immediately.
<b>4.2 Most important symptoms and effects, acute and delayed</b>	
	Not expected to present a significant hazard under anticipated conditions of normal use.The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
	Treat symptomatically.
<b>5. Firefighting measures</b>	
<b>5.1 Extinguishing media</b>	
Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	For this substance/mixture no limitations of extinguishing agents are given.
<b>5.2 Special hazards arising from the substance or mixture</b>	
	Not flammable.
<b>5.3 Advice for firefighters</b>	
	Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

<b>5.4 Further information</b>	
	Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.
<b>6. Accidental release measures</b>	
<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
	Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.
<b>6.2 Environmental precautions</b>	
	To our knowledge, the product does not present any particular risk, under normal conditions of use.
<b>6.3 Methods and materials for containment and cleaning up</b>	
	Clean contaminated surfaces with an excess of water. Dispose of materials or solid residues at an authorized site.
<b>6.4 Reference to other sections</b>	
	For disposal see section 13.
<b>7. Handling and storage</b>	
<b>7.1 Precautions for safe handling</b>	
Advice on safe handling	Ensure good ventilation of the work station.
Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
Storage Conditions	Store in a well-ventilated place. Keep cool.
Storage Class	No data available
<b>8. Exposure controls/personal protection</b>	
<b>8.1 Control parameters</b>	
Ingredients with workplace control parameters	
Component   Permissible Limit   Basis	Not applicable
	<b>Legend:</b> ACGIH - American Conference of Governmental Industrial Hygienists OSHA - Occupational Safety and Health Administration NIOSH - National Institute for Occupational Safety and Health
<b>8.2 Exposure controls</b>	
Personal Protective Equipment	<b>Eye/face protection</b> Not necessary under the recommended storage and handling conditions. <b>Skin protection</b> Not necessary under the recommended storage and handling conditions. <b>Body Protection</b> Not necessary under the recommended storage and handling conditions. <b>Respiratory protection</b> Not necessary under the recommended storage and handling conditions. <b>Control of environmental exposure</b> None
<b>9. Physical and chemical properties</b>	
<b>9.1 Information on basic physical and chemical properties</b>	
Physical State	Liquid
Colour	White or Blue
Odour	Perfumed
Melting point/ freezing point	No data available
Boiling point/ boiling range (°C)	No data available
Flammability	Non-flammable
Lower and upper explosion limit/ flammability limit	No data available
Flash point (°C)	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available

pH	4-5
Viscosity	No data available
Solubility	Soluble in water
Partition coefficient: n-octanol/water	No data available
Vapor pressure	No data available
Density	0.94 ± 0.02 kg/m <sup>3</sup>
Relative vapor density	No data available
Particle characteristics	No data available
<b>10. Stability and reactivity</b>	
<b>10.1 Reactivity</b>	
	The product is non-reactive under normal conditions of use, storage and transport.
<b>10.2 Chemical stability</b>	
	Stable under recommended storage conditions. The product is chemically stable under standard ambient conditions (room temperature) .
<b>10.3 Possibility of hazardous reactions</b>	
	No dangerous reactions known under normal conditions of use.
<b>10.4 Conditions to avoid</b>	
	None under recommended storage and handling conditions (see section 7).
<b>10.5 Incompatible materials</b>	
	No additional information available
<b>10.6 Hazardous decomposition products</b>	
	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>11. Toxicological information</b>	
<b>11.1 Information on toxicological effects</b>	
Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/eye irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity - single exposure	Not classified
Specific target organ toxicity - repeated exposure	Not classified
Aspiration hazard	Not classified
<b>12. Ecological information</b>	
<b>12.1 Toxicity</b>	
	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
<b>12.2 Persistence and degradability</b>	
	No additional information available
<b>12.3 Bioaccumulative potential</b>	
	No additional information available
<b>12.4 Mobility in soil</b>	
	No additional information available
<b>12.5 Other adverse effects</b>	
	No additional information available
<b>13. Disposal considerations</b>	
<b>13.1 Waste treatment methods</b>	
	Dispose of contents/container in accordance with licensed collector's sorting instructions.
<b>14. Transport information</b>	
<b>14.1 UN number</b>	
	Not applicable
<b>14.2 UN proper shipping name</b>	
	Not applicable

<b>14.3 Transport hazard class(es)</b>	
ADR/RID	Not applicable
IMDG	Not applicable
IATA	Not applicable
<b>14.4 Packaging group</b>	
ADR/RID	Not applicable
IMDG	Not applicable
IATA	Not applicable
<b>14.5 Environmental hazards</b>	
ADR/RID	No data available
IMDG Marine pollutant	No data available
IATA	No data available
<b>14.6 Special precautions for user</b>	
	None
<b>15. Regulatory information</b>	
<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
This material safety data sheet complies with the requirements of Regulation (EC) No 1272/2008	
<b>16. Other information</b>	
The information contained herein is believed to be accurate to the best of our knowledge and does not claim to be all inclusive and shall be used only as a guide. Hychem (Pty) Ltd makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions It does not represent any guarantee of the properties of the product. Hychem (Pty) Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.	