



Name of the Product Code No. Section 1 : <b>Chemical Identification</b> Code No. : PT 1016 Name of the Product : Gamborg B5 Medium Produced by : Central Drug House Pvt. Ltd. Address : 7/28 Vardaan House, Darya Ganj, New Delhi (INDIA) Tel. No. : 00 91 11 49404040		<b>Gamborg B5 Medium</b> <b>PT 1016</b>
Section 2	<b>Hazards Identification</b>	
	<b>2.1 Classification of the substance or mixture</b> <b>CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]</b> Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.	
	<b>2.2 Label elements</b> <b>Labeling according to Regulation (EC) No.1272/2008</b> Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. Signal word None	
	<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.	
Section 3	<b>Composition/Information On Ingredients</b>	
	<b>3.1 Mixture</b>	
Section 4	<b>First - Aid Measures</b>	
	<b>4.1 Description of first aid measures</b> <b>General advice</b> Consult a physician. Show this safety data sheet to the doctor in attendance. <b>If inhaled</b> Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Consult a physician. <b>In case of skin contact</b> Wash off with soap and plenty of water. Consult a physician. <b>In case of eye contact</b> Rinse immediately with plenty of water for at least 15 minutes. Consult a physician. <b>If swallowed</b> Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.	
	<b>4.2 Most important symptoms and effects, both acute and delayed</b> The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.	
	<b>4.3 Indication of immediate medical attention and special treatment needed</b> Treat symptomatically.	
Section 5	<b>Fire Fighting Measures</b>	
	<b>5.1 Extinguishing media</b> <b>Suitable extinguishing media</b> Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. <b>Unsuitable extinguishing media</b> No data available.	
	<b>5.2 Special hazards arising from the substance or mixture</b> Magnesium oxides, Sulphur oxides, Sodium oxides, Iron oxides, Calcium Oxide, Cobalt oxides, Copper oxides, Manganese oxides,, Molybdenum oxides, Oxides of Phosphorus, Potassium oxides, Zinc oxides.	



	<p><b>5.3 Precautions for fire-fighters</b> Cool closed containers exposed to fire with water spray.</p> <p><b>5.4 Further information</b> Wear self-contained breathing apparatus for firefighting if necessary.</p>
Section 6	<b>Accidental Release Measures</b>
	<p><b>6.1 Personal precautions, protective equipment and emergency procedures</b> Use personnel protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.</p> <p><b>6.2 Environmental precautions</b> Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into environment must be avoided.</p> <p><b>6.3 Methods and materials for containment and cleaning up</b> Keep in suitable, closed containers for disposal. Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.</p> <p><b>6.4 Reference to other sections</b> For disposal see Section 13.</p>
Section 7	<b>Handling and Storage</b>
	<p><b>7.1 Precautions for safe handling</b> Avoid formation of dust and aerosols. Wear protective gloves and eye/face protection. Use only in well ventilated areas. Keep away from heat, sparks and open flame.</p> <p><b>7.2 Conditions for safe storage, including any incompatibilities</b> Store in cool/well-ventilated place. Storage class (TRGS 510): Oxidizing Solids <b>Recommended Storage Temperature</b> : 2-8°C</p> <p><b>7.3 Specific end uses</b> Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.</p>
Section 8	<b>Exposure Controls / Personal Protection</b>
	<p><b>8.1 Control parameters</b></p> <p><b>8.2 Exposure controls</b> <b>Appropriate engineering controls</b> Handle in accordance to general industrial hygiene and safety practice. Wash hands before breaks, immediately after handling the products and at the end of workday. <b>Personal protective equipment</b> <b>Eye/face protection</b> Safety glasses with side-shields conforming to EN 166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Have eye washing facilities readily available where eye contact can occur. <b>Skin protection</b> Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. <b>Body protection</b> Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. <b>Respiratory protection</b> Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). <b>Environment exposure controls</b> Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must</p>



Section 9	be avoided.
	<b>Physical and Chemical Properties</b>
	<b>9.1 Information on basic physical and chemical properties</b>
	Appearance White to off-white, homogenous powder
	Odour No data available
	Odour Threshold No data available
	pH 3.5 - 4.5
	Melting/freezing point No data available
	Initial boiling point and boiling range No data available
	Flash point No data available
	Upper/lower flammability or explosive limits No data available
	Evaporation rate No data available
	Flammability (Solid, gas) No data available
	Vapour pressure No data available
	Relative density No data available
	Water Solubility Soluble in water
	Autoignition Temperature No data available
	Decomposition Temperature No data available
	Viscosity No data available
	Explosive properties No data available
	Oxidizing properties No data available
	Vapour density No data available
	Thermal decomposition No data available
	<b>9.2 Other safety information</b>
	No data available
Section 10	<b>Stability and Reactivity</b>
	<b>10.1 Reactivity</b>
	No data available
	<b>10.2 Chemical stability</b>
	Stable under recommended storage conditions.
	<b>10.3 Possibility of hazardous reactions</b>
	No data available
	<b>10.4 Conditions to avoid</b>
	No data available
	<b>10.5 Incompatible materials</b>
	No data available
	<b>10.6 Hazardous decomposition products</b>
	Hazardous decomposition products formed under fire conditions - Nitrogen oxides(NOx), Sulphur oxides, Oxides of phosphorus, Potassium oxides, Magnesium oxide, Cobalt/cobalt oxides, Calcium oxide, Copper oxides .
Section 11	<b>Toxicological Information</b>
	<b>11.1 Information on toxicological effects</b>
	<b>Acute toxicity</b>
	No data available
	Remarks : No data available
	No data available
	<b>Skin corrosion/irritation</b>
	No data available
	<b>Serious eye damage/eye irritation</b>
	No data available



	<p><b>Respiratory or skin sensitisation</b> No data available</p> <p><b>Germ cell mutagenicity</b> No data available</p> <p><b>Carcinogenicity</b> IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</p> <p><b>Reproductive toxicity</b> No data available</p> <p><b>Specific target organ toxicity- repeated exposure</b> No data available</p> <p><b>Aspiration hazard</b> No data available</p> <p><b>Additional Information</b> RTECS : Not Applicable</p>
Section 12	<b>Ecological Information</b>
	<p><b>12.1 Toxicity</b> No data available</p> <p><b>12.2 Persistence and degradability</b> No data available</p> <p><b>12.3 Bioaccumulative potential</b> No data available</p> <p><b>12.4 Mobility in soil</b> No data available</p> <p><b>12.5 PBT and vPvB assessment</b> This preparation contains no substance considered to be persistent, bioaccumulating or toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.</p> <p><b>12.6 Other adverse effects</b></p>
Section 13	<b>Disposal Considerations</b>
	<p><b>13.1 Waste treatments methods</b> <b>Product</b> Dispose of as unused product.</p> <p><b>13.2 Contaminated packaging</b> Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Contact a licenced professional waste disposal service to dispose off this material.</p>
Section 14	<b>Transport Information</b>
	<p><b>14.1 UN-No</b> ADNR: ADR: IATA_C: IATA_P: IMDG: RID:</p> <p><b>14.2 UN proper shipping name</b> ADNR : Not dangerous good ADR : Not dangerous good IATA_C : Not dangerous good IATA_P : Not dangerous good IMDG : Not dangerous good RID : Not dangerous good</p> <p><b>14.3 Transport hazard class (es)</b> ADNR: ADR: IATA_C: IATA_P: IMDG: RID:</p> <p><b>14.4 Packaging group</b> ADNR: ADR: IATA_C: IATA_P: IMDG: RID:</p> <p><b>14.5 Environmental hazards</b> ADNR : No IMDG : Marine pollutant No IATA_C : No</p> <p><b>14.6 Special precautions for use</b></p>



# Material Safety Data Sheet

	No data available
Section 15	<b>Regulatory Information</b>
	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. <b>15.1 Safety health and environment regulations/legislation specific for the substance or mixture</b> <b>15.2 Chemical Safety Assessment</b> For this product a chemical safety assessment was not carried out.
Section 16	<b>Other Information</b>
	<b>Further Information</b> The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.