




Dehydrated Culture Media
Bases / Media Supplements

Material Safety Data Sheet

Name of the Product Code No. Section 1 : Chemical Identification		Brewer Thioglycollate Medium, Modified DM 1195A	
Code No.		:	DM 1195A
Name of the Product		:	Brewer Thioglycollate Medium, Modified
Produced by		:	Central Drug House Pvt. Ltd.
Address		:	7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)
Tel. No.		:	00 91 11 49404040

Section 2	Hazards Identification
2.1	Classification of the substance or mixture CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP] Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.
2.2	Label elements Labeling according to Regulation (EC) No.1272/2008 <div style="text-align: center;">  <small>GHS07</small> </div> Pictogram Signal word Warning Hazard Statement(s) H317 May cause an allergic skin reaction Precautionary Statement(s) P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 IF ON SKIN: wash with plenty of soap and water. P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.
2.3	Other Hazards None

Section 3	Composition/Information On Ingredients																						
3.1	Mixture <table border="1" style="width: 100%;"> <thead> <tr> <th>Component</th> <th>Classification</th> <th>Concentration</th> </tr> </thead> <tbody> <tr> <td colspan="3">Eosin Y</td> </tr> <tr> <td>CAS No. : 367-51-1</td> <td>As Per EC Regulation 1272/2008</td> <td rowspan="2">≥1.0 - ≤10.0%</td> </tr> <tr> <td>EC No. : 206-696-4</td> <td>Acute Tox.oral. 3; Skin Sens. 1 H301; H317</td> </tr> </tbody> </table> <table border="1" style="width: 100%;"> <thead> <tr> <th>Component</th> <th>Classification</th> <th>Concentration</th> </tr> </thead> <tbody> <tr> <td colspan="3">Methylene blue</td> </tr> <tr> <td>CAS No. : 7220-79-3</td> <td>As Per EC Regulation 1272/2008</td> <td rowspan="2">≥0.01 - ≤1.0%</td> </tr> <tr> <td>EC No. : 200-515-2</td> <td>Acute Tox.oral 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3 H302; H315; H319; H335</td> </tr> </tbody> </table> Refer Section 16 for complete statement of H codes and its classification	Component	Classification	Concentration	Eosin Y			CAS No. : 367-51-1	As Per EC Regulation 1272/2008	≥1.0 - ≤10.0%	EC No. : 206-696-4	Acute Tox.oral. 3; Skin Sens. 1 H301; H317	Component	Classification	Concentration	Methylene blue			CAS No. : 7220-79-3	As Per EC Regulation 1272/2008	≥0.01 - ≤1.0%	EC No. : 200-515-2	Acute Tox.oral 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3 H302; H315; H319; H335
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Section 4	First - Aid Measures
	<p>4.1 Description of first aid measures General advice Consult a physician. Show this safety data sheet to the doctor in attendance. If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. In case of skin contact Wash off with soap and plenty of water. Consult a physician. In case of eye contact Rinse immediately with plenty of water for at least 15 minutes. Consult a physician. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.</p> <p>4.2 Most important symptoms and effects, both acute and delayed No data available.</p> <p>4.3 Indication of immediate medical attention and special treatment needed No data available</p>
Section 5	Fire Fighting Measures
	<p>5.1 Extinguishing media Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Unsuitable extinguishing media No data available.</p> <p>5.2 Special hazards arising from the substance or mixture Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas, Sodium oxides</p> <p>5.3 Precautions for fire-fighters Wear self contained breathing apparatus for fire fighting if necessary</p> <p>5.4 Further information No data available</p>
Section 6	Accidental Release Measures
	<p>6.1 Personal precautions, protective equipment and emergency procedures Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.</p> <p>6.2 Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains.</p> <p>6.3 Methods and materials for containment and cleaning up Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.</p> <p>6.4 Reference to other sections For disposal see Section 13.</p>
Section 7	Handling and Storage
	<p>7.1 Precautions for safe handling Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.</p> <p>7.2 Conditions for safe storage, including any incompatibilities Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended Storage Temperature : On receipt store between 10-30°C</p> <p>7.3 Specific end uses Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.</p>



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Section 8	Exposure Controls / Personal Protection																																				
	8.1	Control parameters Components with workplace control parameters																																			
	8.2	Exposure controls Appropriate engineering controls Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products. Personal protective equipment Hygiene measure Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product. Eye/face protection Tightly fitting safety goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Skin protection 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 2016/425/EEC and the standard EN ISO 374-1/2016 derived from it. Body protection 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. Respiratory protection 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). Environment exposure controls Do not empty into drains.																																			
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Section 10	Stability and Reactivity
	<p>10.1 Reactivity No data available</p> <p>10.2 Chemical stability No data available</p> <p>10.3 Possibility of hazardous reactions No data available</p> <p>10.4 Conditions to avoid No data available</p> <p>10.5 Incompatible materials No data available</p> <p>10.6 Hazardous decomposition products Refer Section 5.2</p>
Section 11	Toxicological Information
	<p>11.1 Information on toxicological effects</p> <p>Acute toxicity No data available</p> <p>Skin corrosion/irritation No data available</p> <p>Serious eye damage/eye irritation No data available</p> <p>Respiratory or skin sensitisation No data available</p> <p>Germ cell mutagenicity No data available</p> <p>Carcinogenicity 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>Reproductive toxicity No data available</p> <p>Specific target organ toxicity- single exposure No data available</p> <p>Aspiration hazard No data available</p> <p>Potential Health Effects</p> <p>Inhalation REFER SECTION 2</p> <p>Skin REFER SECTION 2</p> <p>Eye REFER SECTION 2</p> <p>Ingestion REFER SECTION 2</p> <p>Additional Information RTECS : No data available</p> <p>11.2 Components</p> <p>Sodium Thioglycollate Acute oral toxicity Rat LD50: 50-200 mg/kg(As per OECD Test Guideline 423) Acute dermal toxicity</p>



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	<p>Rat LD50: >1000-2000 mg/kg(As per OECD Test Guideline 402) Skin irritation Rabbit: Slight irritation(As per OECD Test Guideline 404) Eye irritation Rabbit: Slight irritation(As per OECD Test Guideline 405) Sensitization Local Lymph Node Assay(LLNA) Mouse: Positive (As per OECD Test Guideline 429) Germ cell mutagenicity Genotoxicity in vivo In vivo micronucleus test:Mouse (male & female) Oral Result: Negative method(As per OECD Test Guideline 474) Genotoxicity in vitro Ames Test: Salmonella Typhimurium Result: Negative(As per OECD Test Guideline 471) Additional information: RTECS: AI7700000 Methylene blue</p> <p>Acute oral toxicity Rat LD50 : 1,180mg/kg Acute inhalation toxicity No data available. Acute dermal toxicity No data available. Skin irritation No data available. Eye irritation No data available. Sensitisation No data available. Germ cell mutagenicity No data available. Carcinogenicity No data available. Reproductive toxicity No data available. Teratogenicity No data available. Additional information: RTECS: SP5740000</p>
Section 12	Ecological Information
	<p>12.1 Toxicity Components Sodium thioglycollate Toxicity to fish Oncorhynchus mykiss(rainbow trout)LC50: > 100 mg/l; 96 h (As per OECD Test Guideline 203) Toxicity to daphnia and other aquatic invertebrates Daphnia magna (Water flea)EC50: 38 mg/l; 48 h (As per OECD Test Guideline 202) Toxicity to algae Desmodesmus subspicatus (green algae)EC50: > 100 mg/l; 72h (As per OECD Test Guideline 201)</p>



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	<p>Toxicity to bacteria EC50 Activated sludge: 820 mg/l; 0.5 h (As per OECD Test Guideline 209)</p> <p>Components: Methylene blue</p> <p>Toxicity to fish Pimephales promelas (fathead minnow) LC50: 45 mg/l; 96 h Toxicity to daphnia and other aquatic invertebrates Daphnia magna (Water flea) EC50: 2,260 mg/l; 48 h</p> <p>12.2 Persistence and degradability No data available</p> <p>12.3 Bioaccumulative potential No data available</p> <p>12.4 Mobility in soil No data available</p> <p>12.5 PBT and vPvB assessment This substance or mixture contains no components considered to be persistent, bioaccumulating nor toxic (PBT) at levels of 0.1% or higher.</p> <p>12.6 Other adverse effects No data available</p>
Section 13	Disposal Considerations
	<p>13.1 Waste treatments methods Product Offer surplus and non-recyclable solutions to a licenced disposal company. Contact a licenced professional waste disposal service to dispose off this material.</p> <p>13.2 Contaminated packaging Dispose of as unused product.</p>
Section 14	Transport Information
	<p>14.1 UN-No ADNR: ADR: IATA_C: IATA_P: IMDG: RID:</p> <p>14.2 UN proper shipping name 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>14.3 Transport hazard class (es) ADNR: ADR: IATA_C: IATA_P: IMDG: RID:</p> <p>14.4 Packaging group ADNR: ADR: IATA_C: IATA_P: IMDG: RID:</p> <p>14.5 Environmental hazards ADNR : No ADR : No IMDG : Marine pollutant No IATA_C : No IATA_P : No RID : No</p> <p>14.6 Special precautions for use No data available</p>



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Section 15	Regulatory Information
	<p>This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.</p> <p>15.1 Safety health and environment regulations/legislation specific for the substance or mixture No data available</p> <p>15.2 Chemical Safety Assessment No data available</p>
Section 16	Other Information
	<p>Text of H codes and classification mentioned in section 3</p> <p>H301 Toxic if swallowed H302 Harmful if swallowed H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H335 May cause respiratory irritation Acute Tox.oral 4 Acute toxicity, oral, Category 4 Acute Tox.oral. 3 Acute toxicity, oral, Category 3 Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A Skin Irrit. 2 Skin corrosion or irritation, Category 2 Skin Sens. 1 Sensitisation, Skin, Category 1 STOT SE 3 Specific target organ toxicity, single exposure, Respiratory tract irritation, Category 3</p> <p>Further Information</p> <p>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.</p>