Name of the Product	**Columbia 5% Sheep Blood Agar Plate**
Code No.	**PM1144**

Section 1 : **Chemical Identification**

Code No.	:	PM1144
Name of the Product	:	Columbia 5% Sheep Blood Agar Plate
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]

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

2.2 Label elements

Labeling according to Regulation (EC) No.1272/2008

Labelling according to Regulation (EC) No 1272/2008 (CLP)
No required

2.3 Other Hazards

Results of PBT and vPvB assessment
Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0,1%.
Endocrine disrupting properties
Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0,1%.

Section 3 Composition/Information On Ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixture

Description of the mixture
This product does not meet the criteria for classification in any hazard class according to GHS.

Section 4 First - Aid Measures

4.1 Description of first aid measures

General advice

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

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 contactas

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.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of immediate medical attention and special treatment needed

No data available

Section 5	**Fire Fighting Measures**
	5.1 Extinguishing media ***Suitable extinguishing media*** Water, Foam, ABC-powder ***Unsuitable extinguishing media*** Water jet **5.2 Special hazards arising from the substance or mixture** Carbon oxides, Hydrogen chloride gas, Sodium oxides. **5.3 Advice for firefighters** In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance. **5.4 Further information** No data available
Section 6	**Accidental Release Measures**
	6.1 Personal precautions, protective equipment and emergency procedures For non-emergency personnel Remove persons to safety. For emergency responders Wear breathing apparatus if exposed to vapours/dust/spray/gases. **6.2 Environmental precautions** Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. **6.3 Methods and materials for containment and cleaning up** Advice on how to contain a spill Covering of drains, Take up mechanically Advice on how to clean up a spill Take up mechanically. Other information relating to spills and releases Place in appropriate containers for disposal. Ventilate affected area. **6.4 Reference to other sections** Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.
Section 7	**Handling and Storage**
	7.1 Precautions for safe handling Recommendations - Measures to prevent fire as well as aerosol and dust generation Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment. - Specific notes/details Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion. Advice on general occupational hygiene Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs. **7.2 Conditions for safe storage, including any incompatibilities** Managing of associated risks - Explosive atmospheres Removal of dust deposits.

- Ventilation requirements

Use local and general ventilation.

- Specific designs for storage rooms or vessels

Recommended Storage Temperature : Store between 20-30°C.

7.3 Specific end uses

See section 16 for a general overview.

Section 8 Exposure Controls / Personal Protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Coun-try	Name of agent	CAS No	Ident i-fier	TWA [ppm]	TWA [mg/ms]	STEL [ppm]	STEL [mg/ms]	Ceiling-C [ppm]	Ceiling-C [mg/ms]	Nota-tion	Source
DE	dust		MAK		4					i	DFG
DE	dust		MAK		0,3		2,4			r	DFG
DE	dust		AGW		10		20			Y, i	TRGS 900
DE	dust		AGW		1,25		2,5			Y, r	TRGS 900

Notation
Ceiling-C ceiling value is a limit value above which exposure should not occur
i inhalable fraction
r respirable fraction
STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period
(unless otherwise specified)
TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours
time-weighted average (unless otherwise specified)
Y a risk of developmental toxicity does not need to be expected if the occupational exposure limit value and the biological
limit value (BGW) are adhered to

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 saftey 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

89/686/EEC and the standard EN 374 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.

Section 9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	Red coloured medium - Sterile medium in 90mm disposable petri plates
Odour	Characteristic
Melting/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flammability	Non-combustible
Lower and upper explosion limit	Not determined
Flash point	Not applicable
Autoignition Temperature	N ot determined
Decomposition temperature	Not relevant
pH (value)	7.1 – 7.5
Kinematic viscosity	Not relevant
Water solubility	Soluble in water
Partition coefficient: n-octanol/water	No data available
Vapour pressure	Not determined
Density	Not determined
Relative density	No data available
Particle characteristics	No data available

9.2 Other safety information

Information with regard to physical hazard classes
hazard classes acc. to GHS (physical hazards): not relevant
Other safety characteristics
there is no additional information

Section 10 Stability and Reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

	10.3 Possibility of hazardous reactions No known hazardous reactions. **10.4 Conditions to avoid** There are no specific conditions known which have to be avoided. Hints to prevent fire or explosion The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion. **10.5 Incompatible materials** No data available **10.6 Hazardous decomposition products** Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.
Section 11	**Toxicological Information**
	11.1 Information on toxicological effects Test data are not available for the complete mixture. Classification procedure The method for classification of the mixture is based on ingredients of the mixture (additivity formula). **Classification according to GHS (1272/2008/EC, CLP)** This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC. ***Acute toxicity*** Shall not be classified as acutely toxic. ***Skin corrosion/irritation*** Shall not be classified as corrosive/irritant to skin. ***Serious eye damage/eye irritation*** Shall not be classified as seriously damaging to the eye or eye irritant. ***Respiratory or skin sensitisation*** Shall not be classified as a respiratory or skin sensitiser. ***Germ cell mutagenicity*** Shall not be classified as germ cell mutagenic. ***Carcinogenicity*** Shall not be classified as carcinogenic. ***Reproductive toxicity*** Shall not be classified as a reproductive toxicant. ***Specific target organ toxicity- single exposure*** Shall not be classified as a specific target organ toxicant (single exposure). ***Specific target organ toxicity- repeated exposure*** Shall not be classified as a specific target organ toxicant (repeated exposure). ***Aspiration hazard*** Shall not be classified as presenting an aspiration hazard. **11.2 Information on other hazards** There is no additional information.
Section 12	**Ecological Information**
	12.1 Toxicity Acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment. Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AwSV): WGK 1, slightly hazardous to water (Germany) **Biodegradation** The relevant substances of the mixture are readily biodegradable. **12.2 Persistence and degradability** No data available **12.3 Bioaccumulative potential** No data available

	12.4 Mobility in soil No data available **12.5 PBT and vPvB assessment** No data available **12.6 Endocrine disrupting properties** Information on this property is not available. **12.7 Other adverse effects** No data available
Section 13	**Disposal Considerations**
	13.1 Waste treatments methods Sewage disposal-relevant information Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets. Waste treatment of containers/packagings Use appropriate container to avoid environmental contamination. Completely emptied packages can be recycled. **Remarks** Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.
Section 14	**Transport Information**
	14.1 UN-No ADNR: ADR: IATA_C: IATA_P: IMDG: RID: **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 **14.3 Transport hazard class (es)** ADNR: ADR: IATA_C: IATA_P: IMDG: RID: **14.4 Packaging group** ADNR: ADR : IATA_C : IATA_P : IMDG: RID: **14.5 Environmental hazards** ADNR : No ADR : No IMDG : Marine pollutant No IATA_C : No IATA_P : No RID : No **14.6 Special precautions for use** No data available
Section 15	**Regulatory Information**
	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. **15.1 Safety health and environment regulations/legislation specific for the substance or mixture** No data available **15.2 Chemical Safety Assessment** No data available
Section 16	**Other Information**
	Further Information 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.