



Dehydrated Culture Media
Bases / Media Supplements

Material Safety Data Sheet

Name of the Product **Burk's Medium**
Code No. **DM 1707**
Section 1 : **Chemical Identification**
Code No. : DM 1707
Name of the Product : Burk's Medium
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	Chemical Identification	Grams/Litre	Ingredients	Grams/Litre
	Ingredients			
	Magnesium sulphate	0.2	Dipotassium phosphate	0.8
	Monopotassium phosphate	0.2	Calcium sulphate	0.13
	*Iron (III) Chloride	0.00145	*Sodium molybdate	0.000253
	Sucrose	20.0		
	* Irritant / corrosive material			
	Sodium molybdate			
	Information on Ingredients			
	Sodium thioglycollate			
	CAS No. : 10102-40-6			
	R : 36/37/38 S : 26-36			
	RTECS : QA 5085000			
	Iron (III) Chloride			
	CAS No. : 7705-08-0			
	R : 22-34 S : 26-36/37/39			
	RTECS : LJ 9100000			
Section 3	Hazards Identification			
	Hazard : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.			
	Caution : Do not breathe vapours and avoid contact with skin and eyes.			
	Hazard : Living tissue as well as equipment are destroyed on contact with these chemicals.			
	Caution : Do not breathe vapours and avoid contact with skin, eyes and clothing.			
Section 4	First - Aid Measures			
	In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.			
Section 5	Fire Fighting Measures			
	Extinguishing Media. Water spray. Carbon dioxide, dry chemical powder or appropriate foam. Special fire-fighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.			
Section 6	Accidental Release Measures			
	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.			
Section 7	Handling and Storage			
	Handling - Refer to Section 8			
	Storage - Store below 30°C			
Section 8	Exposure Controls / Personal Protection			
	Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.			
Section 9	Physical and Chemical Properties			
	Appearance : Homogeneous powder			
	Colour : White			
Section 10	Stability and Reactivity			
	Stability : Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C. Conditions to avoid : Heat and light. Hazardous polymerization will not occur.			



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Section 11 **Toxicological Information**

Acute Effects : May be harmful if swallowed.
Exposure can cause : Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
RTECS No. : LJ 9100000 QA 5085000
For complete information RTECS may be referred.

Section 12 **Ecological Information**

Data not available

Section 13 **Disposal Considerations**

On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws.

Section 14 **Transport Information**

UN No. : Not applicable.

Section 15 **Regulatory Information**

Risk Phrases : Irritating to eyes, respiratory system and skin
Risk Phrases : Harmful if swallowed
Risk Phrases : Causes burns
Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Safety Phrases : Take off immediately all contaminated clothing
Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection
Safety Phrases : Wear suitable protective clothing

Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.

Significance of signs : Living tissue as well as equipment are destroyed on contact with these chemicals.

Section 16 **Other 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.
