

Material Safety Data Sheet

Name of the Product		Violet Red Bile Agar (V.R.B.A.)			
Code No. Section 1 :	Chemical Identification	DM 1049S			
	Code No. : Name of the Product :	DM 1049S Violet Red Bile Agar	(// R R A)		
	Produced by :	Central Drug House			
	Address : 7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)				
	Tel. No.	00 91 11 49404040	, · · · · · · j, · · - · · · · · · (·· · - · · · ,		
Section 2	Composition Ingredients	Grams/Litre	Ingredients	Grams/Litre	
	Peptic digest of animal tissue	7.00	Yeast extract	3.00	
	Sodium chloride	5.00	*Bile salts mixture	1.50	
	Lactose	10.00	*Neutral red	0.03	
	*Crystal violet	0.002	Agar	15.00	
	Final pH (at 25°C)	7.4 ± 0.2			
	* Irritant / Harmful material				
(!)	Information on Ingredients Bile salts mixture				
Rhitektes	S: 22-24/25				
Photo b Los	Neutral red CAS No. : 553-24-2				
	R : 22 S : 22-24/25				
	RTECS : SG 1400000				
	Crystal violet				
	CAS No. : 548-62-9				
	R : 22-41-50/53 S : 26-39-60-61				
action 2	RTECS : BO 9000000				
Section 3	Hazards Identification	of ar skin papatration b	av those substances is barmful to a	ana's health. Non-recurring	
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Section 3	Hazards Identification Hazard : Inhalation and ingestion recurring or lengthy exposure to	these substances may re	esult in irreversible damage. Caution		
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Section 9	Physical and Chemical Properties			
	Appearance : Homogeneous powder Colour : Light yellow to pink			
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.			
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. : SG 1400000 BO 9000000 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 InformationRisk Phrases : Harmful if swallowed.Risk Phrases : Risk of serious damage to eyes.Risk Phrases : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.Safety Phrases : Do not breathe dust.Safety Phrases : Avoid contact with skin and eyes.Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.Safety Phrases : Wear eye/face protection.Safety Phrases : This material and its container must be disposed of as hazardous wasteSafety Phrases: Avoid release to the environment.			
$\langle \mathbf{I} \rangle$	Significance of signs : Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.			
Report	Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respirate organs.			
\diamond	Significance of signs : Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term.			
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.			