

Material Safety Data Sheet

Name of the Product Inorganic Salt Medium (Modified Raggio's Medium)
Code No. DM1723

Code No.
Section 1 : Chemical Identification

Code No. : DM1723

Name of the Product : Inorganic Salt Medium (Modified Raggio'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

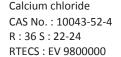
Section 2	Composition Ingredients	Grams/Litre	Ingredients	Grams/Litre
	*Calcium carbonate	3000.0	*Calcium chloride	446.00
	*Potassium chloride	165.00	Monopotassium phosphate	200.00
	Magnesium sulphate	700.00	Sodium sulphate	200.00
	*Potassium iodide	0.75	*Iron (III) Chloride	2.50
	*Boric acid	1.50	*Sodium molybdate	0.25
	*Manganese sulphate	6.64	*Zinc sulphate	2.67
	*Copper sulphate	0.07		

* Irritant / Harmful / Corrosive / Dangerous for the environment material



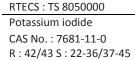
CAS No. : 471-34-1 R : 37/38-41 S : 26-39 RTECS : FF 9335000

Calcium carbonate





Potassium chloride CAS No. : 7447-40-7 R : 36/37/38 S : 26-36





RTECS: TT 2975000 Iron (III) Chloride CAS No.: 7705-08-0

R: 22-34 S: 22-26-27-36/37/39-45

RTECS : LJ 9100000 Boric acid



CAS No.: 10043-35-3 R: 22-36/37/38 S: 26-36/37 RTECS: ED 4550000



Sodium molybdate CAS No. : 10102-40-6 R : 36/37/38 S : 26-36 RTECS : QA 5085000



Manganese sulphate CAS No.: 10034-96-5 R: 48/20/22-51/53 S: 22-61 RTECS: OP 0893500



Zinc sulphate CAS No.: 7446-20-0

R: 36/38-50/53 S: 22-25-60-61

RTECS : ZH 5300000 Copper sulphate



CAS No.: 7758-98-7

R: 22-36/38-50/53 S: 22-60-61



Material Safety Data Sheet

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: Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health.Non-recurring,			
Caution: Do not breathe vapours and avoid contact with skin and eyes.			
Hazard: 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.			
Caution: Avoid contact with the human body, including inhalation of the vapours and in cases of malaise consult a doctor.			
Hazard: 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.			
Caution : Avoid release to the environment.			
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.			
Fire Fighting Measures			
Extinguishing Media. Water spray.			
Carbon dioxide, dry chemical powder or appropriate foam. Special fire-fighting procedures. Wear selfcontained breathing apparatus and protective clothing to prevent contact with skin and eyes.			
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.			
Handling and Storage			
Handling - Refer to Section 8			
Storage - Store below 30°C			
Exposure Controls / Personal Protection			
Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.			
Mechanical exhaust required.			
Physical and Chemical Properties			
Appearance : Homogeneous powder			
Colour :White (may have slightly greenish tinge)			
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.			
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. : FF 9335000 EV 9800000 TS 8050000 TT 2975000 LJ 9100000			
ED 4550000 QA 5085000 OP 0893500 ZH 5300000 GL 8800000			
For complete information RTECS may be referred.			
Ecological Information			
Data not available			
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.			
Transport Information			
UN No. : Not applicable.			
Regulatory Information			
Regulatory Information Risk Phrases: Irritating to respiratory system and skin			
Risk Phrases : Irritating to respiratory system and skin			



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Risk Phrases: May cause sensitization by inhalation and skin contact

Risk Phrases: Harmful if swallowed

Risk Phrases: Causes burns

Risk Phrases: Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed

Risk Phrases: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment 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

Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Safety Phrases: Wear suitable protective clothing

Safety Phrases: Wear suitable protective clothing and gloves

Safety Phrases: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Safety Phrases: Take off immediately all contaminated clothing

Safety Phrases: Wear suitable protective clothing, gloves and eye/face protection

Safety Phrases: Avoid contact with eyes

Safety Phrases: This material and its container must be disposed of as hazardous waste

Safety Phrases: Avoid release to the environment. Refer to special instructions/Safety data sheets

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

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.

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.



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.