

	ne Product	MEM Glasgow Modification Amino Acids 50X w/o L-Glutamine 23.4 g/L
Code No.		AC1003
Section 1 :	Chemical Identification	
	Code No. :	AC1003
	Name of the Product :	MEM Glasgow Modification Amino Acids 50X
		w/o L-Glutamine 23.4 g/L
	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 su	ubstance or mixture
	CLP Classification-Re	egulation (EC) No. 1272/2008[EU-GHS/CLP]
		ubstance or mixture lation (EC) No.1272/2008
	2.2 Label elements	
		ding to Regulation (EC) No. 1272/2008
	I —	not need to be labelled in accordance with EC directives or respective national laws.
	2.3 Other Hazards None	
Section 3	Composition/Information On Ing	gredients
	No components need to be disclo	osed according to the applicable regulations.
Section 4	First - Aid Measures	
	4.1 Description of first	aid measures
	General advice	
	If inhaled	ata sheet to the doctor in attendance.
	_	ve person into fresh air. Consult a physician.
	In case of skin cont	
		and plenty of water. If skin irritation occurs, get medical advice/attention.
	In case of eye cont	tact
		nty of water with the eyelid held wide open. If eye irritation persists,
	get medicaladvice,	/attention.
	If swallowed	
		water. Consult a physician if feeling unwell.
		ymptoms and effects, both acute and delayed
	1	nt known symptoms and effects are described in the labeling (see section 2.2)
	and/or in section 1 4.3 Indication of imm	.1. ediate medical attention and special treatment needed
	No data available	
Section 5	Fire Fighting Measures	
	5.1 Extinguishing med	
	Suitable extinguish	
		managuras that are appropriate to local sireumstances and the surrounding
	environment. Use	measures that are appropriate to local circumstances and the surrounding water spray, alcohol-resistant foam, dry chemical or carbon dioxide. uishina media
	environment. Use <i>Unsuitable exting</i>	water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



	F.3. Duranting for fire fighters		
	5.3 Precautions for fire-fighters No data available		
	5.4 Further information		
	Wear self-contained breathing apparatus for firefighting if necessary.		
Section 6	Accidental Release Measures		
	6.1 Personal precautions, protective equipment and emergency procedures		
	Use personnel protective equipment. Wear disposable gloves, dust mask and eye		
	protection. Avoiddust formation. For personal protection see section 8.		
	6.2 Environmental precautions		
	Prevent further leakage or spillage if safe to do so. No special environmental precautions required.		
	6.3 Methods and materials for containment and cleaning up		
	Keep in suitable, closed containers for disposal.		
	6.4 Reference to other sections		
	For disposal see Section 13.		
Section 7	Handling and Storage		
	7.1 Precautions for safe handling		
	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation		
	at places where dust is formed. For precautions see section 2.2.		
	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		
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	Respiratory protection	5 (US) or type D1 (ELLEN 143) particle respirator. For			
	For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher levelprotection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator				
	cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).				
	Environment exposure controls				
	Do not let product enter drains.				
Section 9	Physical and Chemical Properties				
	9.1 Information on basic physical and chen	nical properties			
	3.1 mormation on basic physical and then	incar properties			
	Appearance	White to off white, homogeneous powder			
	Odour	No data available			
	Odour Threshold	No data available			
	рН	No data available			
	Melting/freezing point	No data available			
	Initial boiling point and boiling range	No data available			
	Flash point	No data available			
	Upper/lower flammability or explosive limits	No data available			
	Evaporation rate	No data available			
	Flammability (Solid, gas)	No data available			
	Vapour pressure	No data available			
	Relative density	No data available			
	Partition coefficient: n-octanol/water	No data available			
	Autoignition Temperature	No data available			
	Decomposition Temperature	No data available			
	Viscosity	No data available			
	Explosive properties	No data available			
	Oxidizing properties No data available				
	Vapour density	No data available			
	Thermal decomposition	No data available			
	·				
	9.2 Other safety information				
	No data available				
ection 10	Stability and Reactivity				
	10.1 Reactivity				
	No data available 10.2 Chemical stability				
	Stable under recommended storage cond	litions.			
	10.3 Possibility of hazardous reactions				
	No data available				
	10.4 Conditions to avoid				
	No data available 10.5 Incompatible materials				
	No data available				
	10.6 Hazardous decomposition products				
	None under normal use conditions. Other	decomposition products. No data available. In event of fire – refer			
	None under normal use conditions. Other section 5	decomposition products. No data available. In event of fire – refer			



Section 11	Toxicological Information	
	11.1 Information on toxicological effects	
	Acute toxicity	
	No data available	
	Skin corrosion/irritation	
	No data available	
	Serious eye damage/eye irritation	
	No data available	
	Respiratory or skin sensitisation	
	No data available	
	Germ cell mutagenicity	
	No data available <i>Carcinogenicity</i>	
	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.	
	Reproductive toxicity	
	No data available	
	Specific target organ toxicity- single exposure	
	No data available	
	Specific target organ toxicity - repeated exposure	
	No data available	
	Aspiration hazard	
	No data available	
Section 12	Ecological Information	
000000000000000000000000000000000000000	12.1 Toxicity	
	No data available	
	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	
	PBT and vPVB assessment not available Chemical safety assessment is not required	
	12.6 Other adverse effects	
	No data available	
	data arango	
Section 13	Disposal Considerations	
	13.1 Waste treatments methods	
	Product	
	Offer surplus and non-recyclable solutions to a licenced disposal company. Dispose off waste in	
	accordance with all applicable Federal, state and local laws.	
	13.2 Contaminated packaging	
	Dispose in accordance with all applicable federal, state, and local environmental regulations.	



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 goods ADR : Not dangerous goods	
	IATA C : Not dangerous goods	
	IATA_P : Not dangerous goods	
	IMDG : Not dangerous goods	
	RID : Not dangerous goods	
	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	
	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	
	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.	