

	Name of the	w/o L-Glutamine, Mercaptoethanol and Sodium bicarbonate			
Code No.		AT1122A			
Section 1:		lentification			
	Code No.	: AT1122A			
	Name of th	, , ,			
	Dun du and	w/o L-Glutamine, Mercaptoethanol and Sodium bicarbonate			
	Produced Address	: Central Drug House Pvt. Ltd.			
	Tel. No.	: 7/28 Vardaan House, Darya Ganj, New Delhi (INDIA) : 00 91 11 49404040			
Section 2	Hazards Ide				
300000112	2.1 Classification of the substance or mixture				
	2.1				
		CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]			
	2.2	Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008			
	2.2	Label elements Labeling according to Regulation (EC) No.1272/2008			
		The product does not need to be labelled in accordance with EC directives or respective national laws.			
	2.3	Other Hazards			
		None			
Section 3	Compositio	n/Information On Ingredients			
	No components need to be disclosed according to the applicable regulations.				
Section 4	First - Aid Measures				
	4.1	Description of first aid measures			
		General advice			
	Show this safety data sheet to the doctor in attendance.				
	If inhaled				
	If breathed in, move person into fresh air. Consult a physician.				
		In case of skin contact			
		Wash off with soap and plenty of water. If skin irritation occurs, get medical advice/attention.			
		In case of eye contact			
		Rinse out with plenty of water with the eyelid held wide open. If eye irritation persists,			
		get medicaladvice/attention. If swallowed			
		Rinse mouth with water. Consult a physician if feeling unwell.			
	4.2	Most important symptoms and effects, both acute and delayed			
	7.2	The most important known symptoms and effects are described in the labeling (see section 2.2)			
		and/or in section 11.			
	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			
		Use extinguishing measures that are appropriate to local circumstances and the surrounding			
		environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.			
		Unsuitable extinguishing media			
	5.2	Special hazards arising from the substance or mixture			
		No data available			
	. 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	Accidental Release Measures		
	6.1	Personal precautions, protective equipment and emergency procedures		
		Use personnel protective equipment. Wear disposable gloves, dust mask and eye		
	6.3	protection. Avoiddust formation. For personal protection see section 8.		
	6.2	Environmental precautions Provent further leakage or spillage if safe to do so. No special environmental precautions required.		
	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		
	0.4	For disposal see Section 13.		
Section 7	Handling a	nd 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 must be carefully resealed and kept upright to prevent leakage.		
		Recommended Storage Temperature : On receipt store between 2-8°C		
	7.3	Specific end uses		
		Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.		
Section 8	Exposure C	Exposure Controls / Personal Protection		
	8.1	Control parameters		
		Components with workplace control parameters		
	8.2	Exposure controls		
		Appropriate engineering controls		
		Handle in accordance to general industrial hygiene and safety practice. Wash hands		
		before breaksand immediately after handling the products. Personal protective equipment		
		Hygiene measure		
		Avoid contact with skin,eyes and clothing. Immediately change contaminated clothing.		
		Eye/face protection		
		Safety glasses with side-shields conforming to EN 166 Use equipment for eye protection tested and		
		approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).		
		Skin protection The colorted protection places have to estimate the constitutions of FU Directive 20 // 20 // FEC and		
		The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and thestandard EN 374 derived from it. 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		
		withthis product. Dispose contaminated gloves after use in accordance with applicable laws and		
		good laboratory practices. Wash and dry hands.		
		Body protection		
		Impervious clothing The type of protective equipment must be selected according to the		
		concentration and amount of the dangerous substance at the specific workplace.		
		Respiratory protection		
		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).		
		A0.10		



	Environment exposure controls					
	Do not let product enter drains.					
Section 9	Physical and Chemical Properties					
	9.1 Information on basic physical and chemical pr	operties				
	A	Addition of Delta state				
	Appearance	White to light pink , Homogenous powder				
	Odour	No data available				
	Odour Threshold	No data available				
	pH	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				
		No data available No data available No data available No data available				
	Relative density					
	Partition coefficient: n-octanol/water					
	Autoignition Temperature					
	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					
Section 10	Stability and Reactivity					
	10.1 Reactivity No data available					
	10.2 Chemical stability Stable under recommended storage conditions.					
	10.3 Possibility of hazardous reactions					
	No data available					
	10.4 Conditions to avoid					
	No data available 10.5 Incompatible materials					
	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 section 5					



Toxicologica	al Information
11.1 Inf	formation 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
	Carcinogenicity
	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
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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
Disposal Co	onsiderations
13.1	Waste treatments methods
	Product
	Offer surplus and non-recyclable solutions to a licenced disposal company. Dispose off waste in
	accordance with all annicanie Federal state and local laws
	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.
	Ecological II 12.1 12.2 12.3 12.4 12.5 12.6



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			
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ADNR : Not dangerous goods ADR : Not dangerous goods			
ADR : Not dangerous goods			
IATA C : Not dangerous goods			
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
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			
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			
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.			