

	Name of the P	Product Nutrient Mixture F-12 Ham, Coon's Modification; w/o L-Glutamine and Sodium bicarbonate
Code No.		AT1146A
Section 1:	Chemical Iden	tification
	Code No.	: AT1146A
	Name of the P	roduct Nutrient Mixture F-12 Ham, Coon's Modification;
		w/o L-Glutamine and Sodium bicarbonate
	Produced	: Central Drug House Pvt. Ltd.
	Address	: 7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)
Cartian 2	Tel. No.	: 00 91 11 49404040
Section 2	Hazards Identi	fication
	2.1	Classification of the substance or mixture
		Classification according to Regulation (EC) No. 1272/2008 [CLP]
		This mixture does not meet the criteria for classification in accordance with Regulation No
		1272/2008/EC
	2.2	Label elements
		Labelling according to Regulation (EC) No 1272/2008 (CLP)
		Not required
	2.3	Other Hazards
		Of no significance
6 2		
Section 3	-	Information On Ingredients
		Substances Not relevent (mixture)
		Mixtures
		Description of the mixture
		This product does not meet the criteria for classification in any hazard class according to GHS
Section 4	First - Aid Me	easures
	4.1	Description of first aid measures
		General advice
		Do not leave affected person unattended. Remove victim out of the danger area. Keep affected
		person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt,
		or when symptoms persist, seek medical advice. In case of unconsciousness place person in the
		recovery position. Never give anything by mouth.
		Following inhaled  If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.
		Provide fresh air .
		Following skin contact
		Wash off with soap and plenty of water. If skin irritation occurs, get medical advice/attention.
		Following eye contact
		Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh
		water for at least 10 minutes, holding the eyelids apart
		Following Ingestion
		Rinse mouth with water (only if the person is conscious). Do not induce vomiting.
		Most important symptoms and effects, both acute and delayed
		Symptoms and effects are not known till date.
	4.3	Indication of immediate medical attention and special treatment needed  None
		INOTIC
l		



Section 5	Fire Fighting Measures		
	<ul> <li>5.1 Extinguishing media         Suitable extinguishing media         Water, Foam, Alcohol resistant foam, ABC-powder         Unsuitable extinguishing media         Water jet     </li> <li>5.2 Special hazards arising from the substance or mixture         No data available     </li> <li>5.3 Precautions for fire-fighters         In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately.         Fight fire with normal precautions from a reasonable distance.</li> </ul>		
Section 6	Accidental Release Measures		
	6.1 Personal precautions, protective equipment and emergency procedures  For non-emergency personnel  Remove persons to safety.  For emergency responders  Wear breathing apparatus if exposed to vapours/dust/spray/gases  6.2 Environmental precautions  Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.  6.3 Methods and materials for containment and cleaning up  Advice on how to contain a spill  Covering of drains, Take up mechanically  Advice on how to clean up a spill  Take up mechanically  Other information relating to spills and releases.  Place in appropriate containers for disposal. Ventilate affected area.  6.4 Reference to other sections  Personal protective equipment: see section 8. Incompatible materials: see section 10.		
	Disposal considerations: seesection 13.		
Section 7	Handling and Storage		
	<ul> <li>7.1 Precautions for safe handling Recommendations Measures to prevent fire as well as aerosol and dust generation. Use local and general ventilation. Use only in well-ventilated areas. Ground/bond container and receiving equipment. Specific notes/details Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion. Advice on general occupational hygiene Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs. 7.2 Conditions for safe storage, including any incompatibilities Managing of associated risks Explosive atmospheres</li> </ul>		



		Removal of dust deposits.				
		Specific designs for storage rooms or vessels				
		Storage temperature -Recommended storage	temperature: 2−8 °C			
		Packaging compatibilities				
	Only packagings which are approved (e.g. acc. to ADR) may be used.					
	7.3	Specific end uses				
		See section 16 for a general overview.				
Section 8	Exposure Controls / Personal Protection					
	8.1	Control parameters				
		This information is not available.				
	8.2	Exposure controls				
	0.2	·				
	Appropriate engineering controls					
		General ventilation				
		Individual protection measures (personal pr	otective equipment)			
		Eye/face protection				
		Wear eye/face protection				
		Skin protection				
		Hand protection				
		Wear protective gloves .				
		Other Protection Measure				
			Preventive skin protection (barrier creams/ointments) is			
		recommended. Wash hands thoroughly after	er handling.			
	Respiratory protection					
	In case of inadequate ventilation wear respiratory protection					
		Environment exposure controls				
		Use appropriate container to avoid environr	nental contamination. Keep away from drains, surface			
		and ground water.				
Section 9	Physica	l and Chemical Properties				
Section 5	9.1	-	matica.			
	9.1	Information on basic physical and chemical prope				
		Physical state	solid			
		Colour	White to light pink, homogenous powder			
		Odour	characteristic			
		Melting point/freezing point	not determined			
		Boiling point or initial boiling point and boiling				
		Range	not determined			
		Flammability	non-combustible			
		Lower and upper explosion limit	not determined			
		Flash point	not applicable			
		Auto-ignition temperature	not determined			
		Decomposition temperature	not relevant			
		pH (value)	not applicable			
		Kinematic viscosity	not relevant			
		Solubility (ies)				
		Water solubility	miscible in any proportion			
		Partition coefficient				
		Partition coefficient n-octanol/water (log value)	this information is not available			
		Vapour pressure	not determined			
		Density and/or relative density				
		Density	not determined			
		Relative vapour density	information on this property is not available			
		Particle characteristics	no data available			
	1					



<u> </u>			
	9.2 Other safety information		
	Information with regard to physical hazardclasses:		
	Hazard classes acc. to GHS (physical hazards):not relevant		
	Miscibility : Completely miscible with water  Solvent content: 0%		
	Solid content: 0%		
Section 10			
Section 10	Stability and Reactivity		
	10.1 Reactivity  Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".		
	10.2 Chemical stability		
	The material is stable under normal ambient and anticipated storage and handling conditions of		
	temperature and pressure.		
	10.3 Possibility of hazardous reactions		
	No known hazardous reactions		
	10.4 Conditions to avoid		
	There are no specific conditions known which have to be avoided.		
	Hints to prevent fire or explosion		
	The product in the delivered form is not dust explosion capable; the enrichment of fine dust however		
	leads to the danger of dust explosion.		
	10.5 Incompatible materials		
	There is no additional information		
	10.6 Hazardous decomposition products		
	Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and		
	heating are not known. Hazardous combustion products: see section 5.		
Section 11	Toxicological Information		
	11.1 Information on toxicological effects		
	Test data are not available for the complete mixture.		
	Classification procedure		
	The method for classification of the mixture is based on ingredients of the mixture (additivity formula).		
	Classification according to GHS (1272/2008/EC, CLP)		
	This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.		
	Acute toxicity		
	Shall not be classified as acutely toxic		
	Skin corrosion/irritation		
	Shall not be classified as corrosive/irritant to skin		
	Serious eye damage/eye irritation		
	Shall not be classified as seriously damaging to the eye or eye irritant		
	Respiratory or skin sensitisation		
	Shall not be classified as a respiratory or skin sensitiser		
	Germ cell mutagenicity		
	Shall not be classified as germ cell		
	mutagenic  Carcinogenicity		
	Shall not be classified as carcinogenic		
	Reproductive toxicity		
	Shall not be classified as a reproductive toxicant		
	Specific target organ toxicity- single exposure		
	Shall not be classified as a specific target organ toxicant (single exposure).		
	Specific target organ toxicity - repeated exposure		
	Shall not be classified as a specific target organ toxicant (repeated exposure).		
	Aspiration hazard		
	Shall not be classified as presenting an aspiration hazard.		
1	11.2 Information on other hazards		
Ĺ	There is no additional information		



Section 12	Ecological Information		
	12.1 Toxicity		
	No data available		
	Biodegradation The relevant substances of the mixture are readily biodegradable		
	The relevant substances of the mixture are readily biodegradable		
	12.3 Bioaccumulative potential		
	No data available		
	12.4 Mobility in soil		
	No data available		
	12.5 PBT and vPvB assessment		
	No data available		
	12.6 Endocrine disrupting properties		
	Not available		
	12.7 Other adverse effects		
	No data available		
Section 13	Disposal Considerations		
	13.1 Waste treatments methods		
	Sewage disposal-relevant information		
	Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data		
	sheets.		
	Waste treatment of containers/packagings		
	It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely		
	emptiedpackages can be recycled. Handle contaminated packages in the same way as the substance		
	itself.  Remarks		
	Please consider the relevant national or regional provisions. Waste shall be separated into the categories		
	that can be handled separately by the local or national waste management facilities.		
Costion 14	Transport Information		
Section 14	Transport Information		
	14.1 UN number or ID number		
	not assigned		
	14.2 UN proper shipping name		
	not assigned		
	14.3 Transport hazard class(es)		
	not assigned		
	14.4 Packing group		
	not assigned		
	14.5 Environmental hazards		
	non-environmentally hazardous acc. to the dangerous goods regulations		
	14.6 Special precautions for user  Provisions for dangerous goods (ADR) should be complied within the premises.		
	14.7 Maritime transport in bulk according to IMO instruments		
	The cargo is not intended to be carried in bulk.		
	Information for each of the UN Model Regulations		
	Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional		
	information		
	not assigned		
	International Maritime Dangerous Goods Code (IMDG) - Additional information		
	not assigned		
	International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information		
	not assigned		



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			
	Relevant provisions of the European Union (EU)			
	Deco-Paint Directive			
	Volatile Organic Compound content-0%			
	Industrial Emissions Directive (IED)			
	Volatile Organic Compound content-0%			
	15.2 Chemical Safety Assessment			
	Chemical safety assessments for substances in this mixture were not carried out.			
Section 16	Other Information			
	Abbreviations and Acronyms			
	AND : Accord européen relatif au transport international des marchandises dangereuses par voies de naviga- tion			
	intérieures (European Agreement concerning the International Carriage of Dangerous Goods by In- land Waterways)			
	ADR: Accord relatif au transport international des marchandises dangereuses par route (Agreement concern- ing the International Carriage of Dangerous Goods by Road)			
	CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DGR: Dangerous Goods Regulations (see IATA/DGR)			
	GHS: "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Na- tions			
	IATA: International Air Transport Association			
	IATA/DGR: Dangerous Goods Regulations (DGR) for the air transport (IATA)			
	ICAO: International Civil Aviation Organization			
	IMDG : International Maritime Dangerous Goods Code			
	PBT : Persistent, Bioaccumulative and Toxic			
	<b>REACH :</b> Registration, Evaluation, Authorisation and Restriction of Chemicals			
	RID : Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regula- tions			
	concerning the International carriage of Dangerous goods by Rail)			
	VOC: Volatile Organic Compounds			
	vPvB : Very Persistent and very Bioaccumulative			
	Key literature references and sources for data			
	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.			
	Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA)			
	Classification procedure			
	Physical and chemical properties: The classification is based on tested mixture.			
	Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the			
	mixture (additivity formula).			
	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.			
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			