



Material Safety Data Sheet

Name of the Product Code No. Section 1 : Chemical Identification Code No. : LQ1157 Name of the Product : GN Broth, Hajna 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 substance or mixture CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP] 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 <i>not required</i> 2.3 Other Hazards Results of PBT and vPvB assessment Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$. Endocrine disrupting properties Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.
Section 3	Composition/Information On Ingredients 3.1 Substances Not relevant (mixture) 3.2 Mixture Description of the mixture This product does not meet the criteria for classification in any hazard class according to GHS..
Section 4	First - Aid Measures 4.1 Description of first aid measures General notes <i>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.</i> Following inhalation If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air. Following skin contact Wash with plenty of soap and water. 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.



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	<p>4.2 Most important symptoms and effects, both acute and delayed Symptoms and effects are not known to date.</p> <p>4.3 Indication of immediate medical attention and special treatment needed none</p>
Section 5	Fire Fighting Measures
	<p>5.1 Extinguishing media <i>Suitable extinguishing media</i> Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO₂) <i>Unsuitable extinguishing media</i> Water jet</p> <p>5.2 Special hazards arising from the substance or mixture Carbon oxides, Hydrogen chloride gas, Sodium oxides. Potassium oxides. Oxides of phosphorus.</p> <p>5.3 Advice for firefighters 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.</p>
Section 6	Accidental Release Measures
	<p>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.</p> <p>6.2 Environmental precautions Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.</p> <p>6.3 Methods and materials for containment and cleaning up Advice on how to contain a spill Covering of drains Advice on how to clean up a spill Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder Appropriate containment techniques Use of adsorbent materials. Other information relating to spills and releases Place in appropriate containers for disposal. Ventilate affected area.</p> <p>6.4 Reference to other sections Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.</p>
Section 7	Handling and Storage
	<p>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. 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 feedingstuffs.</p>



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	<p>7.2 Conditions for safe storage, including any incompatibilities Recommended Storage Temperature :: Store between 15-25°C. - Specific designs for storage rooms or vessels Recommended Storage Temperature : 15 – 30 °C</p> <p>7.3 Specific end uses See section 16 for a general overview.</p>																		
Section 8	Exposure Controls / Personal Protection																		
	<p>8.1 Control parameters Occupational exposure limit values (Workplace Exposure Limits) this information is not available</p> <p>8.2 Exposure controls Appropriate engineering controls Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products.</p> <p>Personal protective equipment Hygiene measure Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.</p> <p>Eye/face protection Tightly fitting safety goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).</p> <p>Skin protection 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 with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.</p> <p>Body protection Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.</p> <p>Respiratory protection Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p> <p>Environment exposure controls Do not empty into drains.</p>																		
Section 9	Physical and Chemical Properties																		
	<p>9.1 Information on basic physical and chemical properties</p> <table> <tr> <td>Physical state</td><td>liquid</td></tr> <tr> <td>Colour</td><td>Light amber coloured clear solution - Sterile ready prepared medium in glass bottles</td></tr> <tr> <td>Odour</td><td>characteristic</td></tr> <tr> <td>Melting/freezing point</td><td>not determined</td></tr> <tr> <td>Initial boiling point and boiling range</td><td>not determined</td></tr> <tr> <td>Flammability</td><td>non-combustible</td></tr> <tr> <td>Lower and upper explosion limit</td><td>not determined</td></tr> <tr> <td>Flash point</td><td>not determined</td></tr> <tr> <td>Autoignition Temperature</td><td>not determined</td></tr> </table>	Physical state	liquid	Colour	Light amber coloured clear solution - Sterile ready prepared medium in glass bottles	Odour	characteristic	Melting/freezing point	not determined	Initial boiling point and boiling range	not determined	Flammability	non-combustible	Lower and upper explosion limit	not determined	Flash point	not determined	Autoignition Temperature	not determined
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	<div>Decomposition temperature not relevant</div> <div>pH 6.8 - 7.2</div> <div>Kinematic Viscosity not determined</div> <div>Water Solubility Soluble in water</div> <div>Partition coefficient: n-octanol/water not determined</div> <div>Vapour pressure not determined</div> <div> </div> <div>Density not determined</div> <div>Relative Vapour density not determined</div> <div>Particle characteristics not determined</div> <div> </div> <div>9.2 Other safety information Information with regard to physical hazard classes hazard classes acc. to GHS (physical hazards): not relevant Other safety characteristics there is no additional information</div>
Section 10	Stability and Reactivity
	<div>10.1 Reactivity Concerning incompatibility: see below "Conditions to avoid" and Incompatible materials".</div> <div>10.2 Chemical stability The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.</div> <div>10.3 Possibility of hazardous reactions No known hazardous reactions.</div> <div>10.4 Conditions to avoid There are no specific conditions known which have to be avoided.</div> <div>10.5 Incompatible materials No data available</div> <div>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.</div>
Section 11	Toxicological Information
	<div>11.1 Information on toxicological effects 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.</div>



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	<p>Specific target organ toxicity- single exposure Shall not be classified as a specific target organ toxicant (single exposure).</p> <p>Specific target organ toxicity- repeated exposure Shall not be classified as a specific target organ toxicant (repeated exposure).</p> <p>Aspiration hazard Shall not be classified as presenting an aspiration hazard.</p> <p>11.2 Information on other hazards There is no additional information.</p>
Section 12	Ecological Information
	<p>12.1 Toxicity Acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment. Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AWSV): WGK 1, slightly hazardous to water (Germany)</p> <p>12.2 Persistence and degradability Biodegradation The relevant substances of the mixture are readily biodegradable.</p> <p>12.3 Bioaccumulative potential No data available</p> <p>12.4 Mobility in soil No data available</p> <p>12.5 PBT and vPvB assessment According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.</p> <p>12.6 Endocrine disrupting properties Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.</p> <p>12.7 Other adverse effects Data are not available.</p>
Section 13	Disposal Considerations
	<p>13.1 Waste treatments methods</p> <p>Product 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 Use appropriate container to avoid environmental contamination. Completely emptied packages can be recycled.</p> <p>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.</p>
Section 14	Transport Information
	<p>14.1 UN number or ID number not subject to transport regulations</p> <p>14.2 UN proper shipping name not relevant</p> <p>14.3 Transport hazard class (es) None</p> <p>14.4 Packaging group not assigned</p>



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	<p>14.5 Environmental hazards non-environmentally hazardous acc. to the dangerous goods regulations</p> <p>14.6 Special precautions for use There is no additional information.</p> <p>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 subject to ADR, RID and ADN. International Maritime Dangerous Goods Code (IMDG) - Additional information Not subject to IMDG. International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information Not subject to ICAO-IATA.</p>
Section 15	Regulatory Information
	<p>15.1 Safety health and environment regulations/legislation specific for the substance or mixture National regulations (Germany) Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AwSV) Wassergefährdungsklasse, WGK (water hazard class) 1 slightly hazardous to water Storage of hazardous substances in non-stationary containers (TRGS 510) (Germany) Storage class (LGK) 12 (non-combustible liquids) Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) GN Broth, Hajna Version number: GHS 1.0 Date of compilation: 17.07.2023 Germany:</p> <p>15.2 Chemical Safety Assessment Chemical safety assessments for substances in this mixture were not carried out.</p>
Section 16	Other Information
	<p>Further Information</p> <p>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.</p>