

Synthetic Rubber (SBR) Plant Elemir
HIP-Petrohemija d.o.o.

Identification number:
TUS-HIPP-1298

Date:
12.06.2024

SPECIFICATION OF THE INPUT MATERIAL
Diethylhydroxylamine (DEHA)

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| 1. Product name/ Chemical name: | Diethylhydroxylamine (DEHA) <i>/N,N - Diethylhydroxyamine</i> | | | | |
| 2. SAP code: | 8111972 | | | | |
| 3. Technical description: | DEHA is used in the production process of styrene-butadiene rubber (SBR) for the preparation of stopper and as an additive for the prevention of a pop-corn formation during degassing of butadiene. CAS number: 3710-84-7 EC number: 223-055-4 | | | | |
| 4. Physical and chemical characteristics: | Item number | Characteristic | Method | Unit | Range of allowed values |
| | 1. | Content of diethylhydroxylamine | Internal method | Wt. % | Min. 85.0 |
| | 2. | Diethylamine + triethylamine | - | Wt. % | Max. 1.0 |
| | 3. | Water | - | Wt. % | Max. 15.0 |
| | 4. | Separation (separation during transport) | - | - | Max. 0.5 |
| | 6. | Appearance | Visual | - | Colourless to light yellow, clear liquid without phase separation |
| 5. Technical/accompanying documentation: | The Supplier is obliged to submit: <ul style="list-style-type: none"> - Safety <i>data sheet</i>, in Serbian - Test report - Data sheet on safety measures - Delivery note | | | | |
| 6. HSE requirements: | - | | | | |

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| 7. Delivery and labelling: | <p>The chemical is delivered in the form of a liquid, in barrels of 200 liters.</p> <p>Each package unit must have a list with the following information:</p> <ul style="list-style-type: none"> - Date - Product name - Data on the manufacturer (company) - Lot/batch number - Net mass of the package unit - Production date - Usage date |
| 8. Transport: | Transport by cars |
| 9. Product eligibility criteria: | <p>Quality compliance with the requirements - The product is in compliance with the specified requirements if it meets the allowed tolerances in all aspects or all the requirements given in this specification and if it successfully passes the industrial test.</p> <p>Uniformity of delivery quality - Delivery of the input material should correspond to the approved sample for procurement. The sample is tested according to the Control and testing plan of input raw materials and chemicals in the SBR Plant. The manufacturer must submit information on changes in its process of production and place of production, as well as samples of products produced under new conditions. After examining the documentation, testing the sample and obtaining a positive outcome of the industrial trial, the SBR Plant gives its consent for the application and delivery of the input material.</p> <p>Delivery acceptance criterion - The criterion is met if the quality and quantity in relation to the accompanying documentation as well as the requirements in all aspects of this specification are confirmed by the input control.</p> |