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SPECIFICATION

Ligustral Product name Product code XLNQ01 **Production unit** Shandong NHU Pharmaceutical Co., Ltd. Ingredients Synonym Trans-2,4-dimethylcylohex-3-ene-1-carbaldehyde (Isomer1) Cis-2,4-dimethylcylohex-3-ene-1-carbaldehyde (Isomer2) 3,5-dimethylcylohex-3-ene-1-carbaldehyde (Isomer3) Formula $C_9H_{14}O$ Molecular weight 138,21 g/mol EC No. 943-728-2 FEMA No. 4505 **Properties** Shelf life 24 months after production date Appearance Colourless liquid Odour green grass, citrus fruit Assay by GC > 99 % Composition Reaction mass of 2,4-dimethylcylohex-3-ene-1carbaldehyde and 3,5-dimethylcylohex-3-ene-1carbaldehyde Isomer 1 (GC) ≥ 18,5 %

Isomer 2 (GC) Isomer 3 (GC) Isomer 1 + 3 (GC)

Refractive index (20 °C) Relative density (25 °C/25 °C) Acid value 1,469 – 1,475 0,926 – 0,939 ≤ 2,0 mg KOH/g

69,0-81,0 %

≤ 5,0 % 19 – 32 %

Handling

Usage Storage Transport instructions to be used in cosmetics Keep in dry place in unopened original packaging please see our latest safety data sheet

Classified as dangerous goods as per EU reg.

NHU EUROPE GmbH

Bank account EUR Deutsche Bank AG DE 53 2407 0075 0019 5222 00 DEUTDE2H240 Bank account USD Deutsche Bank AG DE 53 2407 0075 0019 5222 0005 DEUTDE2H240 NHU EUROPE GMBH

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