

# BELUGA VODKA INTERNATIONAL LIMITED

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	<b>TECHNICAL PRODUCT SHEET FOR USE BY PROFESSIONALS</b>	From DRD I.DUSSOUS / EL	
	<b>BELUGA NOBLE VODKA alcohol content 40% by volume</b>	<u>Updating</u>	<u>Page</u> 1 / 2

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## 1. LEGAL DEFINITION

Vodkas are spirit drinks that have an alcoholic content of 40.0% to 45.0%, 50.0% or 56.0% by volume and are produced by means of treating a water-alcohol solution with a special adsorbent and adding some (or not adding any) ingredients to such solution which is subsequently filtered. This vodka has been prepared in accordance with the requirements of the Russian Standards (GOST R), vodka process regulations, production instructions and recipes and in compliance with the sanitary regulations and standards approved in the manner prescribed. Its production is carried out by an enterprise whose quality management system has been certificated according to ISO 9001:2008 and ISO 22000:2005.

## 2. LABELLING

### ◆ VODKA

(to be checked by the customer according to the regulations of the country).

## 3. INGREDIENTS

<b>Ingredients</b>	<b>Quantity (in % weight/weight)</b>
"Luxe" class rectified ethyl alcohol (40% by vol.)	40.64%
Rectified drinking water	57.20%
Sugar	1.8%
Natural honey	0.3%
Infusion of alcoholized oats	0.05%
Flavoring "Relict" milk thistle extract	0.01%
Vanillin	0.0001%

## 4. PRODUCTION PROCESS

- ◆ Acceptance of alcohol
- ◆ Preparation of water
- ◆ Preparation of a water-alcohol solution (mixture)
- ◆ Treatment of a water-alcohol solution with activated charcoal by means of filtration through a carbon column
- ◆ Preparation and filtration of sugar syrup
- ◆ Preparation and filtration of alcoholized oats infusion
- ◆ Preparation and filtration of a honey solution
- ◆ Preparation and filtration of "RELICT" milk thistle extract
- ◆ Preparation of a vanillin solution
- ◆ Addition of ingredients and correction of the vodka blend
- ◆ Prefiltration of the vodka blend
- ◆ Post-filtration of the vodka

- ◆ Packing, designing and storage of the finished product

<b>6. USE</b>
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- ◆ According to the professional use rules or information of your supplier.

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<b>7. CONDITIONS OF STORAGE AND SHELF LIFE</b>
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- ◆ Conditions of storage: ..... storage at temperature range -15 °C to +30 °C  
 ..... and relative air humidity not exceeding  
 ..... 85%
- ◆ The product has unlimited useful shelf life, provided the storage conditions are observed.

<b>8. PHYSICO-CHEMICAL DATA</b>
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- ◆ Appearance..... clear liquid free of foreign matter
- ◆ Color ..... colorless
- ◆ Taste ..... mild and harmonious
- ◆ Aroma ..... characteristic of vodka
- ◆ Alcohol content, % by volume ..... 40.0
- ◆ Alkalescency (volume of Hydrochloric acid of 0.1 mol/dm<sup>3</sup> concentration used to titrate 100 cm<sup>3</sup> of vodka), cm<sup>3</sup>, not more than ..... 2.0
- ◆ Mass concentration of acetaldehyde in 1 dm<sup>3</sup> of anhydrous alcohol, mg, not more than ..... 3.0
- ◆ Mass concentration of fusel oil (1-propanol, 2-propanol, isobutyl alcohol, 1-butanol and isoamyl alcohol) in 1 dm<sup>3</sup> of anhydrous alcohol, mg, not more than ..... 5.0
- ◆ Mass concentration of compound ethers in 1 dm<sup>3</sup> of anhydrous alcohol, mg, not more than ..... 5.0
- ◆ Volume ratio of methyl alcohol expressed as anhydrous alcohol, %, not more than ..... 0.02
- ◆ Density g/ml.....0,9717