

Oilybits Zeolite Molecular Sieve

3A Beads (1.6-2.5mm)

[1] PRODUCT DESCRIPTION:

Molecular Sieve Bead:	3A
Bead Size	1.6 – 2.5 mm
Pore Size:	3 Å
Bead Crush Strength:	≥ 25 N
Bulk Density:	≥ 0.68 g/cm ³
Moisture Adsorption Capacity:	20% (as tested by BSI)

[2] TYPICAL PROPERTIES:

This product can adsorb a maximum of 21% of its own weight in moisture when measured at 80% RH and 25 °C. The total Volatile Moisture (at 950 °C) is no more than 2% by weight.

[3] TYPICAL APPLICATIONS:

3A SUPERSIV™ is typically used in static application for drying of propylene, butadiene and other unsaturated hydrocarbons. Drying of ethylene in cracked gas. Drying of gases containing H₂S, CO₂.

[4] PACKING FORMATS:

25kg	Aluminium foil bag in box
25kg	Steel drum
140kg	Steel drum
500kg	Super sack

PRODUCT CODES:

BIL-31625-3A-25C-ST
BIL-31625-3A-25D-ST
BIL-31625-3A-140D-ST
BIL-31625-3A-500S-ST

[5] SHELF LIFE:

12 Months from Date of Delivery if stored in a dry warehouse with normal humidity and if the foil-bag remains un-opened. If the foil-bag is opened, then use the product as soon as possible, and re-seal immediately after use.

[6] HEALTH & SAFETY INFO:

SUPERSIV™ is a type of zeolite molecular sieve. In active condition it will release heat when adsorbing water or other substances. If a large quantity of SUPERSIV™ quickly adsorbs water, the adsorbent can become hot enough to cause thermal burns of the skin; contact has to be avoided under these conditions. To avoid the risk of explosion in the presence of flammable liquids, gases or dust, you are advised to earth containers electrically when pouring. SUPERSIV™ should be handled so as to avoid generating dusty conditions in the workplace. When SUPERSIV™ is packed in drums, please use the appropriate lifting equipment so as to avoid injury. Please refer to your national laws and regulations if further information is required.

[7] OTHER INFORMATION:

We hope the information given here will be helpful. It is based on data and knowledge, which we believe to be true and accurate and is offered for the user's consideration, investigation and verification. Accordingly, save in the event of gross negligence or wilful misconduct of our agents and ourselves we will not be liable for any damages resulting from errors, omissions or non-compliance of the information set forth herein. Further, please read all statements, recommendations or suggestions in conjunction with our General Conditions of Delivery, Performance and Payment, which limit our liability with respect to all goods, supplied by us.

[8] SPECIFICATION No:

3A BEADS 1.6-2.5 MM

[9] DATE OF ISSUE:

1st JUNE 2008

