

INEOS Silicas

Product Data Sheet Issue Number: 5 Issue Date: July 2002

PRODUCT

Doucil® A24

DESCRIPTION

Detergent Grade MAP type Zeolite;
Crystalline Sodium Aluminosilicate

APPLICATION

Household and industrial detergent builder.

SUPPLY SPECIFICATION

APS (Sedigraph) μm	0.7 - 1.7
pH (1% solution)	10 - 12
Color Harrison	94.0 min.
Bulk Density g/l	400 - 600
+45 μm wet sieve %	0.1 max.

CHEMICAL COMPOSITION

Sodium Oxide (Na_2O)(Dry basis)

- 23.5% min. - 25.5% max.

Al_2O_3 (Dry Basis)

- 33.5% min. - 36.5% max.

SiO_2 (Dry Basis)

- 39.0% min. - 43.0% max.

Iron as Fe ppm (water soluble)

- 50 max.

Titanium as Ti ppm (water soluble)

5 max.

TYPICAL DATA

APS μm	1.2
pH (1% solution)	11.2
Color Harrison	99
Bulk Density g/l	500
Anhydrous Solids Content %	90
Liquid Carrying Capacity (g/100 g zeolite)	
▪ 56-60	

Calcium Binding Capacity

(mg Ca/g dry zeolite)	155 min.
(mg CaCO_3 /g dry zeolite)	275 min.

REFERENCE NUMBER

PDS JZ24

PACKAGING

- Bulk Rail
- Bulk Truck
- 500 kilo Bulk Bag
- 20 kilo Paper Bag

SAFETY DATA

Doucil zeolites are fine, light powders and care should be taken to avoid inhaling them. The materials are neither silicotic nor acutely toxic, but safety requires sensible handling to minimize the creation of dust. Facemasks should be worn during handling and exhaust ventilation used if available.

Because these products are highly adsorbent they may have a drying effect on the skin and routine precautions such as the wearing of gloves and overalls are desirable.

For further advice/information, consult the Material Safety Data Sheet, which is available upon request.

STORAGE AND HANDLING

Store in a dry place and handle sensibly to minimize creation of dust and build up of static electricity.

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