

## Material Safety Data Sheet

# NANOMOL MOLECULAR SIEVE DESICCANT

According to 91/155 EEC

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### 1 Identification of substance

#### Product details

<b>Trade name</b>	<b>NANOMOL</b>
<b>Application of the substance</b>	Insulating glass desiccant
<b>Manufacturer/Supplier</b>	<b>NEDEX KİMYA SANAYİ A.S.</b> Milangaz Yolu No 42 Kartal-Istanbul-Turkey Tel. +90 (0) 216-488 01 55
<b>Informing department</b>	Quality Control
<b>Emergency information</b>	Tel. +90 (0) 505-669 11 69

### 2 Composition/Data on components

#### Composition

Ingredients	%W/W	CAS No	EINECS No	EC Classification
<b>Zeolite</b>	00-40	1318-02-1	2152838	Occupational Exposure Limits
<b>Natural zeolithe</b>	40-80			
<b>Natural binders</b>	05-25			

<b>Description</b>	Zeolithe based desiccant
<b>Dangerous components</b>	No hazardous materials present as defined By Chemicals Registrations 2002 (Hazard Information and Packaging for Supply)
<b>Additional information</b>	none

### **3 Hazards identification**

<b>Hazard designation</b>	Not regarded as a health or environmental hazard
<b>Information pertaining to particular dangers for man and Environment</b>	The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. 52/53 Not Harmful to aquatic organisms, doesn't cause long-term adverse effects in the aquatic environment.
<b>Classification system</b>	The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

### **4 First aid measures**

<b>After inhalation</b>	Supply fresh air; consult doctor in case of symptoms.
<b>After skin contact</b>	Wash with water and soap and rinse thoroughly.
<b>After eye contact</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
<b>After swallowing</b>	In case of persistent symptoms consult doctor.

### **5 Fire fighting measures**

<b>Suitable extinguishing agents</b>	Not flammable, CO <sub>2</sub> , extinguishing powder or water jet for surrounding materials.
<b>Protective equipment</b>	Wear self-contained breathing apparatus.
<b>Additional information</b>	Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### **6 Accidental release measures**

<b>Person-related safety precautions</b>	Wear protective clothing.
<b>Measures for environmental protection</b>	Do not allow product to reach sewage system or water bodies. Inform respective authorities in case product reaches water or sewage system. Do not allow to enter drainage system, surface or ground water.
<b>Measures for cleaning/collecting</b>	Dispose of contaminated material as waste according to item 13. Collect mechanically. Send for recovery or disposal in suitable containers.

## **7 Handling and storage**

### **Handling**

**Information for safe handling** Keep away from children  
Avoid release to the environment.

**Information about protection against explosions and fires** No special measures required.

### **Storage**

**Requirements to be met by storerooms and containers** Temperatures between +0 and +80, dry, clean

**Information about storage in one common storage facility** Not required.

**Further information about storage conditions** None.

## **8 Exposure controls and personal protection**

**Additional information about design of technical systems** Please take care on national and local requirements.

**Components with critical values that require monitoring at the workplace** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information** Based on information valid at the time of writing.

### **Personal protective equipment**

**General protective and hygienic measures** Do not eat or drink while working.  
Wash hands during breaks and at the end of the work.  
Instantly remove any soiled and impregnated garments.  
Avoid close or long term contact with the skin.

**Breathing equipment** Not required.

**Protection of hands** Protective gloves.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Material of gloves** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove Material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection** Not required.

**Body protection** Protective work clothing.

## **9 Physical and chemical properties:**

### **General Information**

<b>Form</b>	Granules defined sizes
<b>Colour</b>	According to product specification White/grey
<b>Smell</b>	None
<b>Value/Range Unit</b>	
<b>Method</b>	
<b>Change in condition</b>	
<b>Melting point/Melting range</b>	Not determined
<b>Boiling point/Boiling range</b>	Not determined
<b>Flash point</b>	Not applicable
<b>Self-inflammability</b>	Product is not selfigniting.
<b>Danger of explosion</b>	Product is not explosive.
<b>Density</b>	At 20 ° C 0,80-0,90 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with Water</b>	Unsoluble
<b>Solvent content</b>	
<b>Organic solvents</b>	0.0 %
<b>Solids content</b>	100.0 %

## **10 Stability and reactivity**

<b>Thermal decomposition / conditions to be avoided</b>	No decomposition if used according to specifications.
<b>Dangerous reactions</b>	No dangerous reactions known
<b>Dangerous products of decomposition</b>	By fire Carbonmonoxide and carbondioxide

## **11 Toxicological information**

<b>Ecotoxicity</b>	Not dangerous for environment. Contamination of the aquatic environment should be avoided.
<b>Primary irritant effect on the skin</b>	No irritant effect
<b>on the eye</b>	No irritant effect
<b>Sensitization</b>	No sensitizing effect known

## **12 Ecological information:**

<b>Ecotoxical effects:</b>	
<b>Remark</b>	Not harmful to fish
<b>General notes</b>	Not dangerous for environment. Contamination of the aquatic environment should be avoided.



### **13 Disposal considerations**

**Product:**

**Recommendation**

Disposal should be in accordance with local, state or national legislation. This product normally causes no problems in sewage treatment Works , where it settles with the sewage sludge. This product is not classified as hazardous waste under EEC Directive 91/689/EEC. This product is not classified as special waste under the UK Special Waste Regulations 1996. May be disposed of by landfill in accordance with local regulations.

Disposal must be made according to official regulations

### **14 Transport information**

**Land transport ADR/RID and  
GGVS/GGVE (cross-border/  
domestic) ADR/RID-GGVS  
/E Class**

Not regulated.

**Maritime transport IMDG/  
GGVSea IMDG/GGVSea Class  
Marine pollutant**

Not regulated.  
No

**Air transport ICAO-TI and  
IATA-DGR:  
ICAO/IATA Class**

Not regulated.

### **15 Regulatory information**

**Designation according to  
EC guidelines**

Not classified as Dangerous for Supply/Use 52/53 Not Harmful to aquatic organisms, does not cause long-term adverse effects in the aquatic environment.

**Risk phrases**

**Safety phrases**

Avoid release to the environment. Refer to special instructions/safety data sheets.

**Special designation of certain  
Preparations**

No chemicals which may produce an allergic reaction.

**National regulations**

**Water hazard class**

Not hazardous for water.



## **16 Other information:**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The information provided about the product on this Safety Sheet has been compiled from knowledge of the individual constituent.

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

### **Full text of risk phrases referred to in section 2.**

51/53 Not toxic to aquatic organisms, doesn't cause long-term adverse effects in the aquatic environment.

**Department issuing data specification sheet  
Contact**

Quality Control  
[info@nedex.com.tr](mailto:info@nedex.com.tr)

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