

NEDEX SAFETY DATA SHEET

ZEOLAN SERIES

Incl. SUPASIV *ULTRA*TM

1-IDENTIFICATION OF THE SUBSTANCE PREPARATION AND COMPANY UNDERTAKING

Product Name ZEOLAN SERIES Zeolan NA 3

Use This product is for IG applications only

Manufacturer/Supplier NEDEX

Emergency phone Nr. +90 216 488 01 55

2- COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | %W/W | CAS No | EINECS No | EC Classification |
|-------------|------|--------|-----------|-------------------|
|-------------|------|--------|-----------|-------------------|

| | | | | |
|---------------|-----------|---------|------------------------------|--|
| Zeolite 60-90 | 1318-02-1 | 2152838 | Occupational Exposure Limits | |
|---------------|-----------|---------|------------------------------|--|

| | | | | |
|-----------------|-------|--|--|--|
| Magnesium oxide | 05-30 | | | |
|-----------------|-------|--|--|--|

| | | | | |
|-----|-------|--|--|--|
| K2O | 05-35 | | | |
|-----|-------|--|--|--|

3- HAZARDS IDENTIFICATION

EC Classification Not classified as Dangerous for Supply/Use

Exposure to any kind of dust is potentially harmful.

4- FIRST-AID MEASURES

Eye contact If substance has got into the eyes, immediately wash out with plenty of water. Obtain immediate medical attention.

Skin contact Wash affected skin with plenty of water. If symptoms develop, obtain medical attention.

Ingestion Do not induce vomiting. Wash out mouth with water. If large amount swallowed or symptoms develop obtain medical attention.

Inhalation Remove patient from exposure, keep warm and at rest. If symptoms develop, obtain medical attention.

5- FIRE-FIGHTING MEASURES

General Not applicable. Inorganic powder or granules. Non-combustible.

6- ACCIDENTAL RELEASE MEASURES

Personal Protection Wear suitable protective clothing. Wear eye/face protection

An approved dust mask should be worn if dust is generated during handling. See also Section 8

General: Contain spillages. Dampening with water can reduce dust. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.

7- HANDLING AND STORAGE

Handling Avoid generation of dust

See also Section 8

A considerable static electrical charge can be built up during mechanical handling which may become a hazard in atmospheres containing flammable vapours. Advice on the control of static is given in British Standard BS 5958

Storage Keep container tightly closed and dry.

Do not load more than 6 carton boxes top on top.

Do not load more than 4 drums top on top

Do not load more than 4 big bags top on top.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Zeolite Dust, total inhalable: UK EH40: OES 10 mg/m³ 8h TWA
 Dust, respirable: UK EH40: OES 4 mg/m³ 8h TWA
 Particulates not otherwise classified, inhalable: ACGIH: TLV 10 mg/m³ 8h
 TWA
 Particulates not otherwise classified, respirable: ACGIH: TLV 3 mg/m³ 8h
 TWA

General Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

Respirators Avoid inhalation of dusts. Wear suitable respiratory protective equipment if working in confined spaces with inadequate ventilation or where there is any risk of the exposure limits being exceeded. Advice on respiratory protective equipment is given in the HSE (Health and Safety Executive) publication HS(G)53.

Skin contact Wear suitable protective clothing and gloves. Plastic or rubber gloves. For example EN374-3. Wear suitable overalls.

Eye Protection Safety spectacles. Goggles.

Other Do not eat, drink or smoke at work places. Wear protective equipment to comply with good occupational hygiene practice.

9- PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|-------------------------|
| Form | Powder |
| Colour | beige-lightly red |
| Odour | Odourless |
| pH(Value) | 8-12 at 5% w/w in water |
| Melting point(Celc) | >1000 |
| Flashed point /Celc) (Closed Cup) | Not applicable |
| Flammable Limits (Lower) (%v/v) | Not applicable |
| Solubility (Water) | Insoluble |

See attached TECHNICAL PROPERTIES documentation for further informations.

10-STABILITY AND REACTIVITY

Stability Stable

Hazardous Reactions None known

Hazardous Decomposition Product(s) None known

11-TOXICOLOGICAL INFORMATION

Acute Toxicity Low acute toxicity

Oral LD50 (rat) values 10.000 mg/kg have been reported for similar products

Inhalation This product is considered to be a nuisance dust / granules and does not produce significant disease or toxic effect when exposure is kept below the permitted limits. However, existing medical conditions (eg. asthma, bronchitis) may be aggravated by exposure to dust. Effects of dust may be greater, and occur at lower levels of exposure in smokers compared to non-smokers

Eye contact Dust may cause discomfort and mild irritation

Skin contact Dust may have a drying effect on the skin.

Carcinogenicity Information IARC assessment: Similar material (Synthetic zeolite) is not classifiable as to its carcinogenicity to humans (Group 3)

12-ECOLOGICAL INFORMATION

Exotoxicity This product is virtually inert and has no known adverse effect on the environment

13-DISPOSAL CONSIDERATIONS

Recommended 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 material is not classified as hazardous waste under EEC Directive 91/689/EEC. This material is not classified as special waste under the UK Special Waste Regulations 1996. May be disposed of by landfill in accordance with local regulations.

14-TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Hazardous Goods'.

Packaging The product is packed in

15 kg cartons in polyethylene bags

25 kg cartons in polyethylene bags

160 kg steel drums without polyethylene

650 kg big bags without polyethylene

The product in cartons has slightly underpressure

During transport care should be taken that the packaging is not damaged, that the product and packages do not get in touch with water. The temperatures during transportation should be maximum 60 Celc and minimum -20 Celc.

15-REGULARITY INFORMATION

EC Classification not classified as Dangerous for Supply/USE

Safety Phrases Handle in accordance with good industrial hygiene and safety practices.

Avoid inhalation of dusts.

TSCA Inventory Status: Reported/Included

AICS Inventory Status: Reported/Included

DSL/NDSL Inventory Status: Reported/Included

16-OTHER INFORMATION

MSDS first issued 04/2005

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