

# Nedform

## Moulding and Casting Solutions

### ALGINATE 3D GEL MATERIAL HEALTH AND SAFETY DATA SHEET

#### IDENTIFICATION OF THE COMPANY

Company Name:

Nedform BV

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#### 1- IDENTITY

- 1.1. PRODUCT NAME: ALGINATE 3D GEL  
1.2. CLASSIFICATION NAME: DENTAL IMPRESSION MATERIAL  
1.3. COMMON NAME: ALGINATE IMPRESSION
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#### 2- CHEMICAL IDENTITY

##### 2.1. COMPONENTS:

SODIUM ALGINATE  
POTASSIUM ALGINATE  
DIATOMACEOUS EARTH  
CALCIUM SULFATE

##### 2.2. HAZARDOUS COMPONENTS: NONE

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#### HEALTH AND ENVIRONMENT HAZARD DATA

NO HEALTH OR ENVIRONMENT HAZARDS WHEN THE MATERIA IS HANDLED IN ACCORDANCE WITH OFFICIAL REGULATIONS.

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#### 4- EMERGENCY AND FIRST AID PROCEDURES

- 4.1. IN CASE OF CONTACT WITH EYES: NONE  
4.2IN CASE OF CONTACT WITH SKIN: NONE  
4.3IN CASE OF INHALATION: NONE  
4.4IN CASE OF INGESTION: NONE
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#### 5 - FIRE FIGHTING PROCEDURES

- 5.1. FIRE EXPLOSION HAZARDS: KEEP AWAY OF OPEN FLAME  
5.2. EXTINGUISHING MEDIA: ANY APPLICABLE TO PRIMARY CAUSE OF FIRE
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#### 6- STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED

6.1. PERSONAL PROTECTION: NONE  
6.2. PROTECTION OF ENVIRONMENT: COLLECT WATER USED FOR CLEANING  
6.3. CLEANING METHODS: ADSORB SPILL MECHANICALLY.PLACE IN SEALED MARKED CONTAINERS.FLOOR AND TOOLS CONTAMINATED WITH SPILLED MATERIAL SHALL BE FLUSHED WITH PLENTY OF WATER.

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#### 7-HANDLING AND STORING

7.1- HANDLING: HANDLING PROCEDURES AS FOR INSTRUCTIONS IN ORDER TO PREVENT WATER POLLUTION.

7.2. STORING: STORE IN DRY PLACE AT A MAXIMUM TEMPERATURE OF + 25°C.

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#### 8. PRECAUTION FOR SALE USE.

8.1. TECHNICAL PRECAUTION:

8.2. PERSONAL PROTECTION:

- a) RESPIRATORY PROTECTION: NONE
  - b) PROTECTIVE GLOVES: NONE
  - c) EYE PROTECTION: NONE
  - d) SKIN PROTECTION: NONE
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#### 9 - PHYSICAL/CHEMICAL CHARACTERISTICS

9.1. APPEARANCE: WHITE POWDER

9.2. ODOUR: SPEARMINT

9.3. PH: 8

9.4: BOILING POINT: NO VOLATILE

9.5. MELTING POINT: N.A.

9.6. FLASH POINT: N.A.

9.7. FLAMMABILITY: N.A.

9.8 EXPLOSIVE CHARACTERISTICS: N.A.

9.9. FIRE DATA: N.A.

9.10 VAPOUR PRESSURE: N.A.

9.11. RELATIVE DENSITY: N.A.

9.12 SOLUBILITY IN WATER: INSOLUBLE

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#### 10-STABILITY AND REACTIVITY DATA

10.1. CONDITION TO AVOID: NONE

10.2. MATERIALS TO AVOID: NONE

10.3. HAZARDOUS DECOMPOSITION OR BY PRODUCTS: NONE

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#### 11- TOXICOLOGICAL DATA

NO DANGEROUS EFFECTS HAVE BEEN NOTICED IN MANY YEARS PRACTICAL EXPERIENCE AND WITH NORMAL HYGIENIC PRACTICES.

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#### 12- ECOLOGICAL DATA

NO TROUBLE WITH WATER PURIFICATION PLANTS, PROVIDED THAT THE MATERIAL IS USED IN ACCORDANCE WITH INTRUCTIONS.REMOVAL FROM WASTE WATER THROUGH FILTRATION.AVOID CONTAMINATION OF STREAMS AND PHREATIC SURFACE.

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WASTE DISPOSAL METHOD

DISCHARGE IN SUITABLE LANDFILL SITE OR INCENERATE.

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14- TRANSPORT

14.1. CARRIAGE BY LAND: NO RESTRICTIONS

14.2. CARRIAGE BY SEA: NO RESCTRCTIONS

14.3. CARRIAGE BY AIR: NO RESTRICTIONS

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15- INFORMATION ON REGULATION

EXEMPT FROM MARKING OBLIGATION IN CONFORMITY WITH EEC REGULATIONS.

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16-PACKAGING MATERIAL INFORMATION AND PRODUCT-PACKAGING  
COMPATIBILITY RESULTS:

PACKAGING MATERIAL: ALUMINIUM FOIL BAG

PRODUCT-PACKAGING COMPATIBILITY RESULTS: OK

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17- OTHER INFORMATION

REFERENCES: NOT AVAILABLE.

OTHER SPECIAL CONSIDERATIONS: NOT AVAILABLE.

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