



auto clean & care

ΒΟΥΛΗΣ ΧΗΜΙΚΑ
2^ο ΧΑΜ ΝΑΟΥΣΑ-Σ.Σ.Ν
ΝΑΟΥΣΑ ΗΜΑΘΙΑΣ

ΤΗΛ: 0030-23320-26446/25047
FAX: 0030-23320-28249
www.voulis.com
info@voulis.com

M – MANIC SUPER & M – MANICOX





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TECHNICAL DATA

Product:	M-MANIC SUPER
Code:	2.00.001
Intrastat Code:	3402.90.90
Description:	The product acts on the surface. It is suitable for car cleaning manually and in automatic car washes. It is very effective for ships and in industries as a general cleaning product.
Application:	Dilute the powder slowly preferably with warm water for best results. Add to the dilution for every 1kg of powder and 250ml of the accompanied liquid mmanicox.
Composition:	Anionics <5%, Non ionics >5% but <15%
Appearance:	White powder
Characteristics:	Easy cleaning without scrubbing over 90% of cases Good performance with hard water Small quantity of product to dilution
Test:	for passenger vehicles: Dilute in 2Kg water -- 20gr of powder και 5ml liquid and spray via trucks: dilute in 2Kg water -- 80gr of powder και 20ml liquid and spray
Other applications:	General cleaning
Package:	Set Sack 20kg + Pot 5lt Pallet 36 sets



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MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Trade name : MMANIC SUPER

Use : Detergent suitable for external washing on all types of vehicles. It can also be used for general cleaning of floors, machines, ships, tanks and industry.

Company /Undertaking Identification:

VOULIS CHEMICALS
2nd NAOUSA- RAILWAY STATION
P.C.59200
TEL. 0030-23320-26446
FAX 0030-23320-25047

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical description: Surface active detergent

CAS Number : - (Mixture)

EC Number : - (Mixture)

Symbols : -

Risk – Phrases : -

For the full text of the R phrases mentioned in this section, see Section 15

3. HAZARDS IDENTIFICATION

Identification of the risks:

Inhalation : Cough, sore throat, shortness of breath

Eyes : Redness, corrosive, poor visibility

Ingestion : Gastro-intestinal disorders, vomiting

Environment: Possible aggravation of stagnant waters.

4. FIRST AID MEASURES

General: Treat the symptoms.

Inhalation: Remove casualty to fresh air and keep at rest. Seek medical advice.

Skin: After contact with skin wash immediately with plenty of water.

Eye: Rinse with plenty of water and seek medical advice.

Ingestion: Rinse mouth .Drink water. Call for medical assistance

5. FIRE-FIGHTING MEASURES

Extinguishing media: The product itself is not flammable; take extinguishing action appropriate to the fire in the surroundings. Foam; dry powder; carbon dioxide; waterspray jet.

Unsuitable extinguishing media: -

Special exposure hazards: Do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not inhale. Avoid contact with eyes and skin. Forms with water slippery and greasy layers .

Environmental precautions: Avoid release into the sewage network or the aquatic environment.

Methods for cleaning up: Take up mechanically. Rinse away residues with water.

Dispose of contaminated material in accordance with the safety regulations.

7. HANDLING AND STORAGE

Handling: Avoid dust formation and accumulation. No special measures are required if the material is stored and handled in accordance with the regulations.



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Storage: No special measures are required if the material is stored and handled in accordance with the regulations. **Stability:** storage period 60 months.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: Not defined.

Technical: Provide good ventilation and local fume extraction.

Personal protection:

- Respiratory protection: Do not inhale. Use dust mask; filter type P2.
- Hand protection: Use rubber gloves.
- Eye protection: Use safety goggles.
- Skin and body protection: Avoid contact with skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : granular
- Form : Solid
- Color : White
- Odour : Odourless
- pH : 10.5-11 (10% water dilution)
- Water solubility: Approx. 150 g/l (at: 20 °C);approx.180 g/l (at: 60 °C)

10. STABILITY AND CHEMICAL PROPERTIES

- **Stability :** Thermal decomposition above 600 °C
- **Hazardous decomposition products:** -

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

- Oral: LD50 > 2000 mg/kg.

Irritation:

- Skin: Not irritating
- Eye: Not irritating
- Hypersensitization : not sensitising

12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** Not defined
- **Degradability :** Over 90 %
- **Other:** Do not release undiluted product into drains.

13. DISPOSAL CONSIDERATIONS

- **Product:** Dispose of it in accordance with relevant local regulations.
- **Contaminated packaging:** The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil ,waterways ,drains and sewers. Disposal of this product ,solutions and any by-product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. TRANSPORT INFORMATION

➤ **Land Transport:**

ADR/ADNR/RID class: Not a hazardous substance.

➤ **Sea Transport:**

IMO / IMDG class: Not a hazardous substance.

➤ **Air Transport:**

ICAO-TI / IATA-DGR: Not a hazardous substance.



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15. REGULATORY INFORMATION

Labeling according to EC directives

- **EC Number:** -(Mixture)
- **Symbol:** -
- **R(isk) phrases:** -

- **S(afety) phrases:** S2 Keep out of the reach of children.

16. OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

