

MATERIAL SAFETY DATA SHEET

according to EU Directive 93/112/EC

NIVORAPID

Version: 2

Print date: 15.10.04



1. DESIGNATION OF PRODUCT AND COMPANY

Trade name: NIVORAPID
Product type and use: Cement based levelling mortar.
Supplier:
MAPEI S.p.A. -Via Cafiero 22 - Milan -ITALY
Emergency telephone number of the company and/or of an authorised advisory centre:
MAPEI S.p.A. - Tel. ++(39)-02376731

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:
None

3. HAZARDS IDENTIFICATION

This preparation contains cement. Contact between cement and body fluids (e.g. sweat and eye fluids) may cause irritation or burns.

4. FIRST-AID MEASURES

Contact with skin: Wash with plenty of water and soap.
Contact with eyes: Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION.
Swallowing: Wash the mouth thoroughly and drink plenty of water. In case of disease consult a physician immediately and present this safety-data sheet.
Inhalation: Ventilate the premises. The patient is to be removed immediately from the premises contaminated and made to rest in a well ventilated area. Should the patient feel unwell, consult a physician.

5. FIRE FIGHTING MEASURES

The product does not present a fire hazard
None in particular.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

Measures for personal safety: None in particular
Environmental measures: None in particular.
Cleaning methods: Scoop into containers and seal for disposal.
After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact with skin and eyes and exposure to high dust concentration.
Incompatible materials: Keep away from water or from damp surroundings.
Storage conditions: Always keep the containers tightly closed.
Instructions as regards storage premises: Adequately ventilated premises.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Precautionary measures:	Give adequate ventilation to the premises where the product is stored and/or handled.
Respiratory protection:	Not needed for normal use. A dust mask should be worn if above exposure limits.
Protection for hands:	Not needed for normal use.
Eye protection:	Not needed for normal use.
Protection for skin:	No special precaution must be adopted for normal use.
Exposure limit value:	None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	powder
Colour:	grey or white
Odour:	slight, typical of cement
pH(water dispersion,10%):	12
Melting point:	== °C
Boiling point:	== °C
Flash point:	== °C
Autoignition temperature:	== °C
Explosion limits(by volume):	==
Apparent density:	1.5 g/cm ³
Solubility in water:	partly soluble
Lipid solubility:	insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid:	Stable under normal conditions.)
Substances to avoid:	None in particular.
Hazardous decomposition products:	None.

11. TOXICOLOGICAL INFORMATION

Route(s) of entry:

Ingestion:	Yes
Inhalation:	Yes
Contact:	No

Toxicological information related to the product:

No toxicological data are available at the moment on the product itself.

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Corrosive/Irritating Properties:

Skin: The product can cause irritation by contact.

Eye: The product can cause irritation by contact

Sensitizing Properties: Frequent and prolonged skin contacts with cement paste may cause dermatitis.

Cancerogenic Effects: No effects are known.

Mutagenic Effects: No effects are known.

Teratogenic Effects: No effects are known.

Additional Information: Contains cement. Cement gives a strong alkaline reaction with water and body fluids (e.g. sweat and eye fluids), therefore the contact with skin and eyes should be carefully avoided.

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**12. ECOLOGICAL INFORMATION**

Adopt sound working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN Number:	==
Rail/Road(RID/ADR):	no dangerous good
Sea (IMO/IMDG):	no dangerous good
MAR/POL 73/78,Annex III:	No
Air (ICAO/IATA):	no dangerous good

15. REGULATORY INFORMATION

Classification and Labelling according to EEC Directive 88/379:

The preparation should not be considered as dangerous according to 88/379/EEC Directive

Where applicable, refer to the following regulatory provisions :

Presidential Decree D.P.R. 303/56 (Health checks).

Presidential Decree D.P.R. 175/88 (Seveso Directive), Appendices II°, III° e IV°.

16. OTHER INFORMATION

Main bibliographic sources: NIOSH - Registry of toxic effects of chemical substances (1983)
I.N.R.S. - Fiche Toxicologique
CESIO - Classification and labelling of anionic, nonionic surfactants (1990)
CCNL - Appendix 1 "TLV for 1989-90"

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.