

TWINSEBIN.M**1. IDENTIFICATION OF SUBSTANCE OR MIXTURE AND COMPANY****1.1 Product identification**

Name of product : **TWINSEBIN.M**
Description of product : anti-stain protection for surfaces in marble and stone
Type of product : liquid

1.2 Pertinent and un-pertinent uses of the substance

Pertinent uses: : surface protection
Un-pertinent use: : no data available

1.3 Information on the supplier

Lantania S.r.l.
Main office : Via Tiraboschi 48 – 24122 Bergamo IT
Operative/Accounts Office : Via Grumello 45/B – 24127 Bergamo IT
Tel. +39 035 2650943 - Fax +39 035 2650861
email info@lantania.it www.lantania.it

1.4 Emergency phone number

Emergency phone : Centro Antiveneni Ospedale Maggiore di Milano
Ph +39 02 6444.7053

2. IDENTIFICATION OF HAZARD**2.1 Classification of substance or mixture**

Classification according to Regulation EC n. 1272/2008

The product is classified as dangerous

Classification : H226, H304, H319, H315

Dangers for health :
See chapt. 16 for complete text of H
See chapt.11 for additional info about health

Danger indications : Dangerous if swallowed
Causes eyes irritation
Causes severe damages to eyes

Indications for precautions

Prevention : wear protective gloves, mask and eyes protection. Do not eat, drink or smoke during use, well wash hands after use. Wear dace mask.
Disposal : do not waste in the environment

2.2 Labelling

Signs of danger :

Danger : H 226 liquid and flammable vapors

TWINSEBIN.M

Risk : H 319 causes severe eyes irritation
 : H 304 may be fatal in case of ingestion and penetration to breathing system
 : EUH066 continuous exposure may cause skin dryness scratches

Advices : P 210 keep far from heating, sparks, free flames. Do not smoke
 P 270 do not eat, drink or smoke during use
 P 280 wear protective clothes and gloves. Protect eyes/face
 P 301-P310 IN CASE OF INGESTION immediately call a doctor

Additional info on labelling : not applicable

3. COMPOSITION/INFORMATION ABOUT INGREDIENTS

<i>Ingredient</i>	<i>Identifier CAS number</i>	<i>Identifier CAS number</i>	<i>% w/w</i>	<i>Classification according to Regulation 1272/2008</i>
Tetracloroetilene	127-18-4	204-825-9	<0,05 %	H290 H315 H319
Toluene	108-88-3	203-625-9	<10%	H290 H315 H319
Naphta	67742-48-9	265-150-3	60 – 90%	H226 H304 H336

4. FIRST AID MEASURES

4.1 Description of first aid measures

Contact with skin : Remove shoes and dirty clothes than safely dispose. Wash with soap and water.
 Immediately call a doctor in case irritations, swelling or redness will appear and persist.

Contact with eyes : immediately wash with plenty of water for at least 15 minutes. Rinse with water for some minutes. Call the doctor or specialist for persistant irritation.

Inhalation : bring the person out in the air. If breathing is difficult, call a doctor.

Ingestion : immediately call a doctor. Induce vomit only if suggested by the doctor. Do not supply anything if not authorized by the doctor and if the person is not aware.

4.2 Main symptoms both acute and delayed

See chapt. 11

4.3 Indications on the immediate medical advice and special treatments

Follow doctor's indications

5. FIRE FIGHTING MEASURES

5.1 Extinguisher means:

Extinguisher means are: carbon dioxide, foam, powder and nebulized water.

DO NOT USE WATER JETS. May be used to cool closed containers exposed to flames and to prevent from explosions.

5.2 Dangers coming from substance or mixture:

DANGERS LINKED TO EXPOSURE IN CASE OF FIRE

There might be over-pressure in the containers exposed to fire with consequent danger of explosion.

Avoid breathing burning substances (Carbone oxide, toxic products in pyrolysis)

5.3 Information for the staff extinguishing the fire.

TWINSEBIN.M**GENERAL INFORMATION**

Cool containers with water jets in order to avoid product decomposition and the formation of possible substances that would be health dangerous. Always wear the whole anti-fire equipment. Collect extinguishing water that won't be pour down drains. Collect dirty water and all the residues according to current rules.

EQUIPMENT

Protective cap with peak, fireproof clothes (jacket and trousers with bands around arms, legs and hips), suitable gloves (anti-fire, anti-cut), auto-breather (auto protector).

6. ACCIDENTAL DISCHARGE**6.1 Personal precautions, protective equipments and procedures in case of emergency.**

Remove any ignition or heating source (cigarettes, flames, sparks, etc) in the concerned area. In case of solid product avoid the formation of powder, spraying some water unless there are specific notifications.

In case of powders dispersed in the air or vapours, use suitable breathing protection.

Stop the discharge if there's no danger. Do not handle damaged containers or the discharged product without wearing suitable protective clothes.

For any information regarding risks for environment and health, breathing protection, ventilation and individual protective means, please refer to other chapt. in this data sheet.

6.2 Environmental precautions

Do not let the product pour down drains, superficial waters, water-bearing stratum and border areas.

6.3 Methods and materials to collect and clean

Absorb the discharged product using absorbing inert material. (sand, powder) Collect most of the residual product using collecting containers. Remove the residual using water jets if there are not opposite notifications. Well air the ambient concerned by the discharge. Product disposal must be performed according to chapt. 13.

7. HANDLING AND WAREHOUSE**7.1 Precautions for safe handling**

Wear gloves, apron, boots and mask. Do not smoke during use or handling.

7.2 Safe warehouse conditions

Keep in a cool and ventilated place, far from heating, free flames, sparks and any ignition sources.

7.3 Specific final uses

Not available .

8. EXPOSURE CONTROL – PERSONAL PROTECTION**8.1 Limits of exposure**

Tetracloroetilene	: TWA 170 mg/m ³ - STEL 678 mg/m ³
Toluene	: TWA 75,4 mg/m ³
Naphta	: TWA 500 mg/m ³

8.2 Exposure control

Since the use of suitable technical measures should be first than personal protection equipments, it's necessary to ensure a proper ventilation through the use of a good aspiration device or the polluted air discharge .

If these operations do not keep product concentration under minimum exposure values, it will be necessary to wear a suitable breathing apparatus protection.

During use, refer to danger label for more details.

TWINSEBIN.M

During the choice of personal protective equipments, eventually ask an advice to the chemical substance supplier. Personal protective clothes must be in compliance with the rules here below indicated:

HANDS PROTECTION

Protect hands using working gloves, II category. (ref. Directive 89/686/CEE and Rule EN 374) like: PVC, neoprene, nitrile or equivalent. The final choice of the gloves must consider: degradation, breaking time and permeability. In case of mixtures the gloves resistance must be checked before using, it is not foreseeable. Gloves have a wear and tear term that depends on exposure time.

EYES PROTECTION

Wear sealing protective mask (ref. Rule EN 166)

SKIN PROTECTION

Wear long sleeves working clothes and shoes for professional use, II category. (ref. Directive CEE and EN 344 rule). Well wash with plenty of water after taking protective clothes off.

BREATHING PROTECTION

In case of the overcoming of the limit value of one or more substances present in the product, wear a mask with filter A type or the universal type, whose class (1,2 or 3) will be chosen according to the use. (ref. EN 141 Rule).

The use of breathing apparatus protections, like mask with filter for organic vapours and powders/fog, it's compulsory in absence of technical measures to limit the worker exposure. The protection given by mask is limited anyway.

If the substance is odourless or in case of emergency (unknown time of exposure or the oxygen level in the ambient is lower than 17%) wear a compressed air auto-breather at open circuit (ref.Rule EN 137) or a respirator with external air outlet for the use with whole mask, semi-mask or nozzle. (Ref.Rule EN 138).

If there's the risk to get squirts or sprinkles due to the type of work performed, it's necessary to foresee a suitable mucous protection (mouth, nose, eyes) in order to avoid accidental absorptions.

9. CHEMICAL / PHYSICAL PROPERTIES**9.1 Information about main chemical/physical characteristics**

Physical status	: liquid
Color	: no color
Odor	: typical of hydrocarbons solvent
Odor threshold	: ND
pH	: ND
Boiling point	: ND
Fusion point :	: ND
Flashing point	: 40°C
Ignition temperature	: ND
Vapor tension	: ND
Viscosity	: ND
Solubility	: not soluble in water

10. STABILITY AND REACTIVITY**10.1 Reactivity**

No dangerous reaction in normal use conditions

10.2 Chemical stability

The product is chemically stable in normal conditions of use and warehouse.

10.3 Possibility of dangerous reaction

None

10.4 Conditions to avoid

Avoid overheating, electrostatic charges or any ignition source.

Dangerous decomposition products

TWINSEBIN.M

Due to thermic decomposition or in case of fire there could be possible releases of gas and vapours probably dangerous to health

11. TOXICITY INFORMATION

Acute toxicity for inhalation : no relevant data
 Oral acute toxicity : none
 Contact with the skin : may cause irritation
 Contact with the eyes : may cause irritation
 Cancerogenicità : none
 Mutagenicità : none
 Teratogenicità : none

11.01 Information on toxic effects

The introduction of little quantities of product in the breathing apparatus may cause vomit, bronco-pneumonia or pulmonary edema.

Due to continuous exposure the product may bring to a skin degreasing, causing cracks and dryness.

12. ECOLOGICAL INFORMATION

There's no information on the product, so use it according to good working procedures, do not waste it in the environment. Absolutely avoid to waste product in the ground or drains. Call authorized companies if the product reaches water drains or in case of ground or flora pollution. Follow all the measures to reduce at the minimum level the effects on water drains.

12.1 Toxicity : no data available
 12.2 Persistence and biodegradability : no data available
 12.3 Bioaccumulabilità : no data available
 12.4 Mobility on the ground : no data available
 12.5 Results of the PBT and vPvB evaluation : no data available

13. DISPOSAL

Methods of wastes disposal : During normal use no waste is produced
 Methods of container disposal : Make sure that container is empty and reuse if possible.

14. TRANSPORT

Transport must be performed by specific vehicles authorized to transport of dangerous goods, in compliance with current rules of the current ADR agreement and applicable disposition.

Transport must be performed in original containers and, anyway, use packages made of materials not attaching by the product inside.

Loading staff must be properly trained on possible risks and eventual procedures to follow in case of emergency.

ROAD OR RAIL:

Class ADR/RID 3 UN 3295
 Packing group III



Label

Nr. Kemler 30
 Limited Quantity LQ07

TWINSEBIN.M

Tunnel restriction code (D/E)
Technical name Hydrocarbons, liquid, N.A.S.

BY SEA:

Class IMO 3 UN 3295
Packaging Group III



Label 3
EMS F-E S-E
Marine pollutant NO
Proper shipping Name Hydrocarbons, liquid N.O.S.

BY AIR

IATA 3 UN:3295
Packing group III



Label 3
Cargo:
Packing instruction 310 quantity max:220l
Pass:
Packing instruction 309 quantity max 60l
Particular instructions A3
Proper shipping name Hydrocarbons liquid N.O.S.

15. INFORMATION ABOUT REGULATION

15.1 Regulation about health, safety and environment

- Regulation CE n. 1907/2006 (REACH), Annex XIV list of substances subject to authorization- substances SVHC: not present listed substances
- Annex XVII: listed substances are not present
- Sanitary checks
- The staff working with this kind of product must be subject to sanitary checks as foreseen in the Art. 41 of D.Lgs. 81 dtd April 9 2008, unless the risk for the worker is regarded as not relevant, as foreseen in the Art.224 comma 2.

15.2 Evaluation of chemical safety

No safety evaluation has been draft for mixture and substances contained.

16. ADDITIONAL INFORMATION

16.1 Classification according to Regulation CE 1272/2008

Danger

H226 liquid and flammable vapors
H315 causes eyes irritation
H319 causes severe eyes irritation
H304 may be fatal in case of ingestion and penetration to breathing system
EUH066 repeater exposure may cause skin dryness and scratches

Caution suggestions

-
- P262 avoid contact with eyes, skin or clothes
P270 do not eat, drink or smoke during use
P280 wear protective clothes and gloves, protect eyes/face

USER'S INFORMATION:

The information herein contained have been draught on the basis of available knowledge upon data sheet version.

The user must make sure of the suitability and completeness of the information referring to the specific use of the product.

Do not read this document as warranty of any specific property of the product.

Since the use of the product is not under our direct control, it's the user's liability respect current rules in terms of hygiene and safety. We are not held liable for un-proper use.