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## 1° IDENTIFICATION OF THE SUBSTANCE / PREPARATION and of the COMPANY/UNDERTAKING

### Identification of the substance or preparation :

Name : **GREENOX**

Product code :

### Company / undertaking identification :

Registered company name : WICHARD SAS

Address : ZI de Felet

63307 THIERS CEDEX - FRANCE

Tél : +33 (0)4.73.51.65.00

marine@wichard.com

**Emergency telephone : INRS 01 45 42 59 59**

## 2° HAZARD IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is not classed as hazardous to health by directive 1999/45/EC.

## 3° COMPOSITION / INFORMATION ON INGREDIENTS

*Full text of risk phrases appearing in section 3: see section 16.*

### Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

### Other substances representing a hazard:

No known substance in this category present.

### Substances present at a concentration below the minimum danger threshold:

INDEX	CAS	EC	Name	Symb.	R:	%
	102-71-6	203-049-8	2,2',2"-NITRILOTRIETHANOL	Xi	36	2.5 <= x % < 10

### Other substances with occupational exposure limits :

INDEX	CAS	EC	Name	Symb.	R:	%
	14808-60-7	238.878.4	QUARTZ			25 <= x % < 50

### Other Components :

INDEX	CAS	EC	Name	Symb.	R:	%
	90622-58-5	292-460-6	ALCANES EN C11-C15	Xn	65	10 <= x % < 25

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#### 4° FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

**In the event of exposure by inhalation:**

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still.

*The packaging in tube of 100ml limit quantitatively risks linked to inhalation*

**In the event of splashes or contact with eyes:**

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

**In the event of splashes or contact with skin:**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

DO NOT use solvents or thinners.

**In the event of swallowing:**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital.

Show him the label.

#### 5° FIRE-FIGHTING MEASURES

Not relevant

#### 6° ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Consult the safety measures listed under headings 7 and 8.

**Environmental precautions:**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

**Methods for cleaning up:**

Clean preferably with a detergent, do not use solvents.

*The packaging in tube of 100ml limit quantitatively risks linked to an accidental release*

#### 7° HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

**Handling:**

Handle in well-ventilated areas.

**Fire prevention:**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures:**

Packages which have been opened must be reclosed carefully and stored in an upright position

**Storage:**

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

*The packaging in tube of 100ml limit quantitatively risks linked to the storage of the product*

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## 8° EXPOSURE CONTROLS / PERSONAL PROTECTION

Utiliser des équipements de protection individuelle selon la Directive 89/686/CEE.

### Mesures d'ordre technique :

Use personal protection equipment as per Directive 89/686/EEC.

### Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

Personnel shall wear regularly laundered overalls.

If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus.

Risks of inhalation of quartz particle is unlikely considering their coating in paste.

*The packaging in tube of 100ml limit quantitatively risks linked to the non respect of the personal protection*

### Exposure limit values per INRS ED 984:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
14808-60-7	-	0.1 A	-	-	-	25

### Exposure limit values (2003-2006):

UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
14808-60-7	0.3 mg/m3	-	-	-	R
UK/MEL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
14808-60-7	0.3 mg/m3	-	-	-	R
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
14808-60-7	0.05 mg/m3	-	-	-	R
102-71-6	5 mg/m3	-	-	-	-

### Respiratory protection:

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

Anti-gas filters :

- A1,A2,A3 (brown)

*The packaging in tube of 100ml limit quantitatively risks linked of inhalation exposure.*

### Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Type of gloves recommended :

- Nitrile

### Eye and face protection:

Use eye protectors designed to protect against liquid splashes

## 9° PHYSICAL AND CHEMICAL PROPERTIES

### General information:

Physical state: paste

### Important health, safety and environmental information:

pH of the substance or preparation: neutral.

When a pH measure is possible, it has a value of: not stated.

Boiling point/boiling range: not specified.

Flash point interval: not relevant.

Vapour pressure: Above 300 kPa (3 bar).

Density: > 1

Water solubility: Dilutable.

### Other information:

melting point/melting range: not specified.

Self-ignition temperature: not specified.

Decomposition point/decomposition range : not specified.

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## 10° STABILITY AND REACTIVITY

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

## 11° TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as:

Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

Splashes in the eyes may cause irritation and reversible damage

## 12° ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

## 13° DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

**Waste:**

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging:**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## 14° TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2007 - IMDG 2006 - ICAO/IATA 2007).

## 15° REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

**Particular hazards associated with the preparation and safety recommendations:**

S 2 Keep out of the reach of children.

S 24 Avoid contact with skin.

S 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Labelling for contents (REGULATION (EC) No 648/2004 - 907/2006):**

- 15 % or over but less than 30 % : aliphatic hydrocarbons

- 5 % or over but less than 15 % : soap

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## 16° OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

**Full text of risk phrases appearing in section 3:**

R 36 Irritating to eyes.

R 65 Harmful: may cause lung damage if swallowed.