

## SAFETY DATA SHEET

### 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Identification of the substance or preparation:

Name: METAL CLEANER.

Product code: 1112.

#### Company/undertaking identification:

Registered company name: SICOMIN Composites.

Address: RN 568 - BP 23.13161.Châteauneuf les Martigues.France.

Telephone: +33 (0)4 42 42 30 20. Fax:+33 (0)4 42 81 29 29. Telex:.

E- mail: composites@sicomin.com

http://www.sicomin.com

#### Emergency telephone: .

Association/Organisation: ORFILA tél: +33(0)1.45.42.59.59.

### 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 2: 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)

INDEX	CAS	EC	Name	Symb.	R:	%
015-011-00-6	7664-38-2	231-633-2	PHOSPHORIC ACID ...%	C	34	25 <= x % < 50

#### 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:	%
603-014-00-0	111-76-2	203-905-0	2-BUTOXYETHANOL	Xn	20/21/22 36/38	2.5 <= x % < 10

#### Other substances with occupational exposure limits:

INDEX	CAS	EC	Name	Symb.	R:	%
603-002-00-5	64-17-5	200-578-6	ETHANOL	F	11	2.5 <= x % < 10

### 3 - IDENTIFICATION OF HAZARDS

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

Possibility of corrosive effects.

### 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.

#### 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.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

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

Remove all contaminated or stained clothing immediately. Do not use them again until they have been decontaminated.

Wash the skin thoroughly with soap and water or a recognised cleaner.

DO NOT use solvents or thinners.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

#### 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, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

## 5 - FIRE-FIGHTING MEASURES

Not relevant.

## 6 - ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Avoid any contact with the skin and eyes.  
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.  
Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).  
If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

### Methods for cleaning up:

Neutralise with an alkaline decontaminant, such as an aqueous solution of sodium carbonate or similar  
If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.  
If a large amount has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.  
Clean preferably with a detergent, do not use solvents.

## 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:

For personal safety, see §8.  
Observe precautions stated on label and also industrial safety regulations  
Packages which have been opened must be reclosed carefully and stored in an upright position  
Product must not come into contact with the skin and eyes  
Provide safety showers and eye washes in workshops where the product is handled constantly

### Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used  
Never open the packages under pressure

### Storage:

Keep the container tightly closed in a dry place.  
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.

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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

### Exposure limit values per INRS ND 2098-174-99 and ND 2114-176-99:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
111-76-2	2	9,8	30	147,6	*	84 -
64-17-5	1000	1900	5000	9500	-	84
7664-38-2	0,2	1	0,5	2	-	- -

### Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:

EC	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:
111-76-2	20	98	50	246	Peau
7664-38-2	-	1	-	2	-

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

Germany/AGW	AGW:	AGW:	Faktor:	Bemerkungen:	
111-76-2	20 ml/m3	98 mg/m3	4(II)	DFG, H, Y	
64-17-5	500 ml/m3	960 mg/m3	2(II)	DFG, Y	
UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	25 ppm	50 ppm	-	-	-
64-17-5	1000 ppm	-	-	-	-
7664-38-2	1 mg/m3	2 mg/m3	-	-	-
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	25 ppm	50 ppm	-	-	-
64-17-5	1000 ppm	-	-	-	-
7664-38-2	1 mg/m3	2 mg/m3	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	20 ppm	-	-	-	-
64-17-5	1000 ppm	-	-	-	-
7664-38-2	1 mg/m3	3 mg/m3	-	-	-
Germany/MAK	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	20 ppm	80 ppm	-	-	-
64-17-5	500 ppm	1000 ppm	-	-	-

**Respiratory protection:**

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

Anti-gas filters :

**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.

Where there is a risk of contact with the hands, suitable gloves must be used

Type of gloves recommended :

- Butyl rubber
- Neoprene

**Eye and face protection:**

Avoid contact with the skin and eyes

Provide personnel with gloves, face masks and safety goggles.

Provide eye washes in workshops where the product is constantly handled

**Skin protection:**

Wear suitable protective clothing, in particular an apron and boots. These items must be kept in good condition and cleaned after use.

For further information, see § 11 of S.D.S. - Toxicological information.

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**9 - PHYSICAL AND CHEMICAL PROPERTIES**

**General information:**

Physical state: fluid liquid

**Important health, safety and environmental information:**

pH of the substance or preparation: strongly acidic.

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

Boiling point/boiling range: not relevant.

Flash point interval: not relevant.

vapour pressure: not specified.

Density: > 1

Density: 1.18 ± 0.01

water solubility: Soluble.

**Other information:**

melting point/melting range: not relevant.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range : not relevant.

## 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.

Splashes in the eyes may cause irritation and reversible damage

It is generally agreed that substances contained are likely to cause tissue damage in less than four hours after application to the healthy, unbroken skin of an animal.

2-butoxyethanol and its acetate are absorbed directly through the skin and have harmful effects on the blood.

### Other data:

CAS 111-76-2 : IARC Groupe 3 (The agent is not classifiable as to its carcinogenicity in to humans)

## 12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

## 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

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

UN1805=PHOSPHORIC ACID

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.
	8	C1	III	8	80	LQ19	-



IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.
	8	-	III	5 L	F-A,S-B	223

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note
	8	-	III	819	5 L	821	60 L	A3
	8	-	III	Y819	1 L	-	-	-

## 15 - STATUTORY 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 product is not classed as flammable.

### Preparation classification:

Corrosive.



### Contains:

015-011-00-6

PHOSPHORIC ACID

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

R 34	Causes burns.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39	Wear suitable protective clothing, gloves and eye/ face protection.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**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 2:**

R 11	Highly flammable.
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R 34	Causes burns.
R 36/38	Irritating to eyes and skin.