



SAFETY DATA SHEET

(Conform Reach)

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Date of creation : 01/12/2006

Date of update : 06/07/2009

GUARD INDUSTRY

DECAP'SILICES GUARD®



T - Toxic



C-Corrosive

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Type of product : Power stripper for all materials containing silica.
Use : See technical sheet for detailed information.
Company identification : Manufactured: UK & Ireland:
GUARD INDUSTRIE **GUARD INDUSTRY (UK) LTD**
7 rue Gutenberg 7200 The Quorum
93100 MONTREUIL Oxford Business Park North
FRANCE Garsington Road
OXFORD. OX4 2JZ
Tel: +33 (0)1.55.86.17.60 Tel: +44 (0)870 7345972
Fax: +33 (0)1.48.58.16.89 Fax: +44 (0)870 7345973

2 HAZARDS IDENTIFICATION

Risk phrases : Causes serious burns and is toxic if inhaled.
Primary route of exposure : Toxic if inhaled. Irritation in respiratory tracts
- Inhalation : Redness, pain. Causes serious burns.
- Contact with the skin : Risk of serious eye injuries. Go immediately to see a doctor.
- Contact with the eyes : Serious danger if ingested. Painful throat. Ingestion can cause queasiness, vomiting and
- Ingestion diarrhoea.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Name of substance	Content	CASE N°	CE N°	Index number	Classification
Phosphoric acid	25%<c< 30%	7664-38-2	231-633-2	015-011-00-6	C: R34
Hydrofluoric acid	5%<c< 10%	7664-39-3	231-634-8	009-003-00-1	T: R26/27/28 C: R35

4 FIRST AID MEASURES

First aid measures
- Inhalation : Bring the accident victim outside, keeping them warm and in a restful position. If the breathing is irregular or stops, it is necessary to do the artificial respiration technique. Do not give them anything by the mouth.
- Skin contact : Remove soiled clothes. Vigorously clean the skin with water and soap or any adapted cleaning product. **NEVER** use paint removers or thinners. If the irritation persists, go see a doctor.
- Eye contact : If you wear contact lenses, take them off. Rinse eyes abundantly with clean and fresh water for at least 20 minutes, while regularly pulling up the eyelids and call for a doctor.
- Ingestion : In case of accidental ingestion, immediately go see a doctor. Hold the victim in a restful position and rinse their mouth. **NEVER** make them vomit.

5 CONTROL MEASURES AGAINST FIRE

Flammable class : Not combustible
Specific hazards : In case of fire, this product decomposes into carbon monoxide (CO and CO₂) and smoke.
Extinguishing media : All extinguishing media are suitable.
Protection against fire : Depending on the size and gravity of the fire, the following might be necessary to use : a thermal protective suit, individual breathing device, gloves, protective glasses or anatomic face masks and boots.
Specific procedures : Fire can produce a thick black smoke. Due to the thermal decomposition, dangerous substances can be formed: carbon monoxide, carbon dioxide. The exposure to substances produced following the combustion or decomposition, can be dangerous for the health.

Telephone number in case of emergency ORFILA: 01.48.42.59.59



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6 ACCIDENTAL RELEASE MEASURE

- Personal precautions** : The spreading will be handled by a qualified cleaning person equipped with suitable respiratory and ocular protection.
- Clean up methods** : Clean the spreading as soon as possible, by means of an absorbent product. Use suitable waste containers.
- Precautions for the environment** : Avoid polluting water outlets, superficial sources or subsurfaces, as well as soil and subsoils. In the event of a large spill or, in the event that it has polluted lakes, rivers or sewers, the proper authorities must be informed immediately following the local law.

7 HANDLING AND STORAGE

- Handling**
- Precautions : Avoid any eye and skin contact and do not inhale the vapours and fog. Do not eat, drink or smoke in the places where the product is being used. Wear protective clothing (see section 8). Shower, eye bath and water supply facility should be close at hand.
 - Technical measures : Never use the compressed air to fill containers, to put in barrels or use. Never mix with other products. Maximum handling temperature: 25°C. Place a suitable ventilation/airing system where vapour is formed. Ventilation along the floor.
 - Recommendations : Packages already open must be carefully closed and placed in an upright position to avoid any leaks.
- Storage**
- Precautions : Place in an area which is only accessible to authorized people.
 - Technical measures : Incombustible and waterproof floor forming a retention area.
 - Storage conditions : Keep the container well closed and at a temperature not going over (°C): 25°C. Keep away from all flames or sources of sparks. Do not smoke. Keep out of the sun and all other sources of heat. Keep in a very well ventilated area.
- Incompatible material : Keep away from strong acids and bases.
 - Type of material to be used for packaging / container : Same as the original.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

- Individual protection**
- Respiratory protection** : Not necessary if ventilation is appropriate.
- Hand protection** : Wear suitable gloves resistant to chemical products.
- Skin protection** : Wear suitable protective clothing.
- Eye protection** : Wear safety glasses with lateral protection to avoid any injuries from flying particles and/or by any sort of contact of the product on the eyes.
- Ingestion** : Wear a suitable mask. Do not eat, drink or smoke while using the product.
- Industrial hygiene** : Local extraction and general ventilation must be enough to insure the compliance with exposure standards. Emergency eye-rinsers must be placed in the vicinity of all areas where there is an exposure risk.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Liquid
- Colour** : Water white
- Odour** : None
- pH** : 1
- Boiling point [0C]** : > 100°C
- Flash point** : Not applicable
- Density** : 1 kg/m³ (20°C)
- Solubility in water [vol/vol]** : Completely miscible
- Solubility in solvents** : Soluble in most organic solvents

10 STABILITY AND REACTIVITY

- Conditions to be avoided** : Temperature > 25°C and < 0°C, light.
- Materials to be avoided** : Reacts if in contact with oxidant and base substances. In the event of high temperatures, dangerous decomposition products can be produced such as smoke, monoxides and dioxides of carbon.

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11 TOXICOLOGICAL INFORMATION

In case of ingestion	: Irritates respiratory system and can cause sore throats and coughs.
In case of skin contact	: Can cause redness and pain.
In case of eye contact	: Slight irritation of the eyes, redness
In case of ingestion	: Causes sore throats, and abdominal pains.

12 ECOLOGICAL INFORMATION

Ecotoxicity : The product is toxic for aquatic organisms.

13 DISPOSAL CONSIDERATIONS

It is forbidden to pour into the sewers or rivers. Residue and empty containers must be handled and disposed of according to the corresponding local or national authorities in place.

14 INFORMATION FOR TRANSPORT

On land (road, directive 94/55/CE / railway, directive 96/49/CE: ADR/RID)

Exact name of product sent	: UN 1805 ACIDE PHOSPHORIQUE, LIQUIDE
Danger class	: 8
Packaging group	: III
ADR/RID labels	: 8
Danger code	: 80
Code of specific classification and disposition	: C1
Packaging instructions	: P001 IBC03 LP01 R001

Sea travel (IMDG)

Exact name of product sent	: UN 1805 ACIDE PHOSPHORIQUE, LIQUIDE
Packaging group	: III
N° FS	: F-A, S-B
IMDG labels	: 8
Packaging instructions	: P001 LP01

15 REGULATORY INFORMATION

Symbols : T: Toxic / C – Corrosive

Phrases R

R23/24/25 – Toxic if inhaled, by contact with skin and by ingestion.
R35 – Causes serious burns
R37 – An irritant for respiratory tract

Phrases S

S2 – Keep out of the reach of children.
S4 – Keep away from any local housing.
S26 – In the case of eye contact, wash immediately and abundantly with water and go see a specialist.
S28 – After contact with the skin, wash immediately and abundantly with water.
S35 – When getting rid of this product and its container, you must take all necessary precautions.
S36/37/39 – Wear suitable protective clothing, gloves and a protective device for the eyes/the face.
S38 – In the event of insufficient ventilation, wear a suitable respiratory device.
S45 – In the event of an accident or a fainting spell, go see a doctor immediately (if possible, how the product label).



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16 OTHER INFORMATION

Section n° 2 : Phrase(s) R

R34 – Causes burns.

R26/27/28 – Very toxic if inhaled, contact with the skin or by ingestion.

R35 – Causes serious burns.

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