

**GUARD INDUSTRIE**

NET'GUARD

1. IDENTIFICATION OF PRODUCT AND COMPANY

Type of product : Cleaner for synthetic and mineral surfaces
Use : See product bulletin for detailed information.
Company identification **GUARD INDUSTRIE**
77-81 rue des Sorins
93100 MONTREUIL
FRANCE
Tel: +33 (0)1.55.86.17.60
Fax:+33 (0)1.48.58.16.89

2. COMPOSITION - INFORMATION SUR LES COMPOSANTS

Description of the preparation : Aqueous solution of alkali salts and anionic and non-ionic surfactants
Component(s) contributing to the hazard : • PYROPHOSPHATE TETA POTASSIQUE ANHYDRE - CAS no: 7320-34-5
- EC no: 230-785-7 Conc. wt.(%): 5 < C <= 10 - Symbol(s): Xi - R-phrased(s):
36
• 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - Id No: 603-096-00-8 - CAS no: 112-34-5 - EC no: 203-961-6 Conc. wt.(%): 10 < C <= 15
- Classification: • Xi; R 36 •

3. SPECIAL HAZARDS INFORMATION FOR MAN AND ENVIRONMENT

Most important hazards : Irritating to eyes and respiratory system.
Specific hazards : Reacts with oxidants

4. FIRST AID MEASURES

General advice : In case of doubt or persistent symptoms, consult always a physician.
Inhalation : Give oxygen or artificial respiration if necessary. Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice.
Skin contact : Take off immediately all contaminated clothing. Wash off immediately and plentifully with water for at least 20 minutes. In case of faintness or symptoms of skin irritation appear, take medical advice.
Eye contact : Wash with plenty of water (during 20 minutes minimum) with eyes wide open, keeping contact lenses and immediately take medical advice.
Ingestion : Never give anything by mouth to an unconscious person. Rinse mouth, drink a lot of water, do not vomit, keep quiet, and go immediately to hospital or to a doctor.

5 - FIRE -FIGHTING MEASURES.

Suitable extinguishing media : The product itself does not burn.
In case of fire in the surroundings : all extinguishing agents allowed.: foam, powder, carbon dioxide (CO2), water spray Extinguishing media which must NOT be used for safety reasons: None.
Specific method(s) : move drums away Cool containers / tanks with spray water if possible.
Specific fire hazard(s) : In case of fire, irritating gas come free.
Special protective equipment for firefighters: Use a self-contained breathing apparatus and also a protective suit.

6. ACCIDENTAL RELEASE MEASURES.

Personal precaution(s) : Evacuate personnel to a safe area. Avoid contact with skin, eyes, or clothing. Concerning personal protective equipment to use, see item 8. Avoid contact with skin, eyes, or clothing.
Environmental precaution(s) : Stop leak without risks if possible. Prevent liquid from entering sewers, watercourses, underground or low areas. Concerning disposal elimination after cleaning, see item 13.
Method(s) for cleaning up : Large quantities: Contain large spillage with sand or earth. Neutralise with acid and rinse with plenty of water.
Small amounts : Flush contaminated areas with copious amounts of water.

7. HANDLING AND STORAGE

Handling		
- Precaution(s)		: Provide sufficient air exchange and/or exhaust. Avoid contact with skin and eyes. Do not eat, drink and do not smoke in areas where product is used. Do not add water to product. Shower, eyes shower and water point in proximity.
- Technical condition(s)		: Do not use compressed air to fill, handle or work up. Contaminated equipment must be cleaned immediately with water.
- Safe handling advice(s)		: Handle and open container with care. Open container carefully to avoid spurling. Do not re-use empty containers without proper cleaning or reconditioning. Carefully close bags after use.
Storage		
- Precaution(s)		: Store always product in container of same material as original container.
- Technical condition(s)		: Waterproof underground retention basin.
- Storage condition(s)		: Store, if possible, in a cool, well ventilated place away from incompatible materials. Store in original container.
- Separation of incompatible product(s)		: Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
- Packaging / tank material		: glass made of the same material as the supply container.
- Unsuitable packaging materials		: Avoid non protected metal containers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering measure(s)		: Ensure adequate ventilation, especially in confined areas.
Control parameter(s):		
- Exposure limit(s)		: Not available.
- Biological index		: Not available.
- Recommended monitoring procedures:		Personal protection equipment: Avoid contact with skin, eyes and clothing.
- Respiratory protection		: In case of insufficient ventilation wear suitable respiratory equipment.
- Hand protection		: neoprene or natural rubber gloves
- Skin and body protection		: Rubber apron., boots.
- Eye protection		: Wear eye/face protection
- Environmental exposure controls		: No available information on preparation.
Hygiene measure(s)		: Do not eat, drink, or smoke during work. Handle in accordance with good industrial hygiene and safety practice. Use appropriate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information		
- Physical state / form		: liquid
- Colour		: yellow
- Odour		: sweet
- PH		: 12,5
- Alkali/acid reserve		: /
- Boiling point/range		: 100°C
- Melting point/range		: < 0C
- Flash point		: Not applicable.
- Auto-ignition temperature		: >240 °C
- Decomposition temperature		: > 300 °C
- Explosion limits		: < 0.7 Vol % (Butyl di Glycol) > 9.9 Vol % (Butyl di Glycol)
- Oxidation proprieties		: No
- Relative density (water = 1)		: Not determined.
- Bulk density		: 1,06
- Viscosity		: Not determined.
- Water solubility		: completely soluble
- Fat solubility		: Not determined.
- Solvent solubility		: completely soluble: soluble in some specific organic solvents
- Partition coefficient n-octanol/water		: /
- Evaporation rate		: /
- Electrical conductivity		: /
Other information		: /

10. STABILITY AND REACTIVITY

Stability		: Stable at normal conditions.
Condition(s) to avoid		: None under normal use.
Material(s) to avoid		: Incompatible with: acids,, alkaline earth metals, Keep away from oxidising agents and strongly alkaline and strongly acidic materials.
Hazardous decomposition products		: CO ₂ , CO

11. TOXICOLOGICAL INFORMATION

General information(s)	: /
Acute toxicity	
- Inhalation	: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
- Skin contact	: mild skin irritation
- Eyes contact	: eye irritation. If eye irritation persists, take medical advice.
- Ingestion	: Ingestion of aqueous solution causes: irritation of mucous membranes
Sensitisation	: No
Chronic toxicity	: Not available.
Toxicity of repeated or prolonged exposure	:
Major effects of repeated or prolonged exposure	: irritation

12. ECOLOGICAL INFORMATION

Ecotoxicity	: No
Mobility	: completely soluble in water
Persistence and degradability	: Readily biodegradable.
Bioaccumulation	: No
Environmental toxicity	: May be dangerous for environment.
High concentration in receiving water will injure aquatic life by pH effect.	
- Toxicity to fish	: LD50/oral/rat = 2660 mk/kg
- Toxicity to bacteria: EC 50/48H	: > 1000 mg/l : Daphnia CL50/96 h: 2500 mg/l (tête de boule)
- Toxicity to birds	: No
Other adverse effects	
- Photochemical ozone creation potential:	No
- Global warming potential	: No

13. DISPOSAL CONSIDERATIONS

Waste / unused products	: Must be neutralised before dumping ground.
Contaminated packaging	: Rinse with water.
Local / national disposal regulation(s)	: /
Further Information(s)	:

14. TRANSPORT INFORMATION

General information(s)	: Not classified as dangerous in the meaning of transport regulations.
UN N°	: /
Land (Road / Railway: ADR/RID)	
- Proper shipping name	: /
- Class	: /
- Verpakkingsgroep	: /
- ADR/RID-Labels	: Not applicable.
- Code danger	: Not applicable.
- Classification code	: Not applicable.
- Packing instructions	: /
Sea (IMDG)	
- Class	: /
- Marine pollutant	: No
- GSMU (MFAG) number	: /
- IMDG-Label(s)	: /
Air (ICAO/IATA)	
- ICAO/IATA class	: /
- Packing group	: /
- ICAO/IATA-Labels	: /

15. REGULATORY INFORMATION

EC numbe	: Not applicable.
Symbol(s)	: None according to EC directives.
R-phras(e)s	: None according to EC directives.
S-phras(e)s	: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 28 After contact with skin, wash immediately with plenty of soap and water 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
Important remarks:	<1% non-ionic tensio-active agents and <1% amphoteric surfactants

16. OTHER INFORMATION

Recommended uses and restrictions :

Item nr 2	: R-phras(e)s R36 Irritating to eyes.
Important remarks	: It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
Uses or/and applications	: Nettoyant Universel
Restrictions	: This information relates to the specific material designated and may not be valid in combination with other product(s).

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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