	MATERIAL SAFETY DATA SHEET	Page : 1 / 6
		Version : -
		Date : 20 / 3 / 2009
		Supersedes : 1 / 10 / 2008
Peramin® Defoam 53PH		KERNEOS



Harmful

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Peramin® Defoam 53PH
Recommended uses : Defoamers for dry mix mortars, plaster, gypsum and cement based products
SUPPLIER :
Name : Peramin AB
Address : Johanneslundsvägen, 2
194 81 Upplands Väsby
Sweden
Telephone number : +46 8 5908 6060
Telefax number : +46 8 5908 8025
E-mail : sds@peramin.com
EMERGENCY TELEPHONE NUMBER : ORFILA (France) : +33 01 45 42 59 59
CANUTEC (Canada) : 1-613-996-6666

2. HAZARDS IDENTIFICATION

Emergency overview : White powder
WARNING
Harmful if swallowed
Causes skin irritation
May affect central nervous system

This product contains Tributyl phosphate. Tributyl phosphate is not listed by IARC, NTP or OSHA as probable or suspected human carcinogen
OSHA Regulatory Status : This material is classified as hazardous under OSHA regulations
WHMIS (Canada) : This material is classified as hazardous under WHMIS regulations
Primary route(s) of entry/exposure : Inhalation
Eyes
Skin
Classification of the product : According to European regulations, this product is classified as :
- CARCINOGEN - Category 3
- HARMFUL
- IRRITANT
Potential health effects :
Inhalation : May induce slight irritation effect
Skin contact : Induce irritating effect
Eye contact : May induce slight irritating effect
Ingestion : May induce irritating effect of the digestive tract. Possible nausea, vomiting, headache

Peramin® Defoam 53PH

KERNEOS

3. COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURE :

Hazardous constituents :

Substance name	Contents	CAS No	EC No	Index No	Classification
Tributyl phosphate	40 - 50 %	126-73-8	204-800-2	015-014-00-2	Carc. Cat. 3; R40 Xn; R22 Xi; R38

4. FIRST AID MEASURES

- Inhalation :** : Move the affected person away from the contaminated area and into the fresh air
- Skin contact :** : Wash with soap and water
In case of redness or irritation, consult a doctor
- Eye contact :** : Rinse with plenty of water immediately
If irritation persists, consult an eye specialist
- Ingestion :** : Rinse mouth out with water
Never attempt to induce vomiting
Call a doctor immediately

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media :** : Carbon dioxide (CO2)
Powders
Water spray
- Specific hazards :** : During combustion :
Toxic vapors may be released
- Specific fire fighting methods :** : Contain the extinguishing fluids by bunding
Do not attempt to fight the fire without suitable protective equipment
Cool down the containers/equipment exposed to heat with a water spray
- Protection of fire-fighters :** : Suitable breathing apparatus
Complete protective clothing

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions :** : Do not attempt to fight the fire without suitable protective equipment
Avoid contact with skin and eyes
Do not breathe dust
- Environmental precautions :** : Contain the spilled material by bunding
Do not discharge into the environment
- Methods for cleaning up :**
- **Recovery :** : Sweep up or vacuum up the product
- **Disposal :** : For disposal of contaminated materials refer to section 13: "Disposal considerations".

7. HANDLING AND STORAGE

HANDLING

- Technical measures :** : Ensure good ventilation of the work station
- Precautions :** : Avoid contact with skin and eyes.
Do not breathe dust
Do not smoke

Peramin® Defoam 53PH**KERNEOS****7. HANDLING AND STORAGE (continued)****STORAGE****Storage conditions :**

- Recommended : Store :
- in a cool, well-ventilated area
- in a dry area
- the container tightly closed

Incompatible materials : Strong oxidizing agents

Packaging materials :

- Recommended : Original packaging

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures : Ensure good ventilation of the work station
Extraction to remove dust at its source

Occupational exposure limits :

- USA (ACGIH) : Tributyl phosphate : TWA = 0.2 ppm (2.2 mg/m³)
- USA (OSHA) : Tributyl phosphate : TWA = 5 mg/m³

Personal protective equipment :

- Respiratory protection : Suitable anti-dust mask
- Hand protection : Butyl-rubber protective gloves
Breakthrough time : refer to the recommendations of the supplier
- Eye protection : Safety spectacles
- Skin and body protection : Protective clothing
Hygiene measures : Do not drink, eat or smoke in the workplace
Always wash your hands after handling the product

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state :** Powder
Colour : white
Specific gravity : 400-600 kg/m³
Solubility :
- in water : Insoluble

10. STABILITY AND REACTIVITY

- Stability :** Stable at ambient temperature and under normal conditions of use
Hazardous reactions :
- **Hazardous decomposition products :** On combustion or on thermal decomposition (following the evaporation of water)
releases :
Carbon oxides (CO, CO₂)
Various hydrocarbon fragments

Peramin® Defoam 53PH**KERNEOS****11. TOXICOLOGICAL INFORMATION**

- Acute toxicity :** : Tributyl phosphate :
LD 50 oral (rat) : 1550 mg/kg
(published data)
- Local effects :** : Irritating to skin
May induce slight irritating effect on contact with the eyes or if inhaled
- Specific effects :**
- Carcinogenicity :** : EC Classification : Limited evidence of a carcinogenic effect
This product contains Tributyl phosphate. Tributyl phosphate is not listed by IARC, NTP or OSHA as probable or suspected human carcinogen

12. ECOLOGICAL INFORMATION


- ECOTOXICITY :**
- Effects on the aquatic environment :** : Tributyl phosphate :
May be toxic to aquatic life
EC 50 (Algae) / 72 h : 2.8 mg/l
LC 50 (Fish)/ 96 h : 8.18 mg/l
EC 50 (Daphnia : Daphnia magna) / 48h : 3.65 mg/l
(published data)

13. DISPOSAL CONSIDERATIONS

- WASTE FROM PRODUCT :**
- Destruction/Disposal :** : Dispose of in accordance with relevant local regulations
- CONTAMINATED PACKAGING :**
- Decontamination/cleaning :** : Empty the packaging completely prior to disposal
- Destruction/disposal :** : Destroy at an authorised site
- NOTE :** : The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal

14. TRANSPORT INFORMATION

- INTERNATIONAL REGULATIONS :**
- Land transportation :**
- Rail/road (RID/ADR) :** : Not restricted
- Road (DoT 49 CFR) :** : Not restricted
- TDG (Canada) Classification :** : Not restricted
- Sea (IMO/IMDG) :** : Not restricted
- Air (ICAO-IATA) :** : Not restricted
- NOTE :** : The above regulatory prescriptions are those valid on the date of publication of this sheet Given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency

	MATERIAL SAFETY DATA SHEET	Page : 5 / 6
		Version : -
		Date : 20 / 3 / 2009
		Supersedes : 1 / 10 / 2008
Peramin® Defoam 53PH		KERNEOS

15. REGULATORY INFORMATION

EC LABELLING :

- Identification of the hazardous product :** Tributyl phosphate
- Symbols and indications of danger :** - HARMFUL (Xn)
- R phrases :** R22 : Harmful if swallowed.
R38 : Irritating to skin.
R40 : Limited evidence of a carcinogenic effect.
- S phrases :** S36/37 : Wear suitable protective clothing and gloves.
S46 : If swallowed seek medical advice immediately and show this container or label.

USA

- US Toxic Substances Control Act - TSCA :** The constituents mentioned in §3 are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory
- SARA - USA :** SARA section 311/312 categorizations : none
- CERCLA Hazardous Substance (40CFR Part 302)** : None
- Canada**
- Domestic Substance List (DSL)** : The constituents mentioned in §3 are registered in the DSL (Canada) inventory
- WHIMS Classification :** D2B (Matière toxique ayant d'autres effets toxiques)

16. OTHER INFORMATION

- Further information :** This data sheet complies with the following : 29 CFR1910.1200 and ISO 11014-1 standard
This MSDS contains all the information required by the CPR (Controlled Products Regulations)
This safety data sheet has been written in conformity with the annex II of the regulation (EC) 1907/2006 (REACH)
- R phrases text of § 3 :** R22 : Harmful if swallowed.
R38 : Irritating to skin.
R40 : Limited evidence of a carcinogenic effect.
- NFPA Hazard Rating** : - Reactivity : 0
- Flammability : 0
- Health : 3
- Special : 0
- Safety data sheet established by :** LISAM SERVICES - TELEGIS
6 rue des Boucheries F-60400 NOYON
www.reachelp.com
Safety Made Easy with www.lisam.com

This sheet complements the technical sheets but does not replace them. The information given is based on our knowledge of the product, at the time of publication. It is given in good faith.
Besides, the attention of the user is drawn to the possible risk incurred by using the product for any other use than that for which it was intended.


In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product.

The aim of all the mandatory regulations mentioned is just to help the user to fulfil his obligations regarding the use of hazardous products.

This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility.

Peramin AB

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	MATERIAL SAFETY DATA SHEET	Page : 6 / 6
		Version : -
		Date : 20 / 3 / 2009
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Peramin® Defoam 53PH		KERNEOS

End of document