

Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name **Deiterol SH**

Safety data sheet no.: 49PD10327/5

Application of the substance / the preparation Construction chemicals

Manufacturer/Supplier:

maxit France s.a.s
4 rue de Mulhouse
Boîte Postale 27
F-68180 Horbourg-Wihr
Tel.: ++33(0)3 89 20 10 80
FAX: ++33(0)3 89 20 10 92

Information in case of emergency:

maxit France s.a.s
Tel.: ++33(0)3 89 20 10 80

2 Composition/information on ingredients

Chemical characterization

Description: Alkylsiliconresins with Alkoxygroups

Dangerous components:

35435-21-3	Alkylalkoxyxilane R 10-52/53	> 50%
67923-07-3	Polydimethylsiloxan,(((3-((2-aminoethyl)amino)propyl)silyldiyl)tris(oxy)tris- ,methoxy-terminiert  Xi; R 38-41	5 - 10%
79-09-4	propionic acid  C; R 34	2 - 5%

3 Hazards identification

Hazard description:



Xi Irritant

Information concerning particular hazards for human and environment:

R 10 Flammable.

R 41 Risk of serious damage to eyes.

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Additional information:

Because ethanol is produced by the stratification through hydrolysis, the designation is R10.

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4 First aid measures

General information

Immediately remove any clothing soiled by the product.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

5 Fire fighting measures

Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents Water with full jet

Special hazards caused by the substance, its products of combustion or resulting gases:

In the event of fire, combustible gases and vapours are produced.

Protective equipment: Wear self-contained respiratory protective device.

Additional information Cool endangered receptacles with water spray.

6 Accidental release measures

Person-related safety precautions:

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources

Measures for environmental protection:

The product must not get into watercourses or into the soil.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Additional information: See Section 13 for disposal information.

7 Handling and storage

Handling

Information for safe handling:

Prevent formation of aerosols.

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

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Storage**Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Recommended storage temperature: 5-30°C.**8 Exposure controls and personal protection****Additional information about design of technical facilities:** No further data; see item 7.**Ingredients with limit values that require monitoring at the workplace:**

CAS No.	Designation of material	%	Type	Value	Unit
79-09-4 propionic acid					
IOELV ()	Short-term value: 62 mg/m ³ , 20 ppm Long-term value: 31 mg/m ³ , 10 ppm				

Additional information:

Te applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

Personal protective equipment:**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Use a moisturising skin cream after processing the product.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

Respiratory protection:

Not necessary if room is well-ventilated.

Use suitable respiratory protective device only when aerosol or mist is formed.

Filter AX.

Protection of hands:

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Nitrile rubber, NBR

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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Eye protection: Tightly sealed goggles
Body protection: Protective work clothing.

9 Physical and chemical properties:

General Information

Form: Fluid
Colour: Yellowish
Odour: Weak, characteristic

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

Flash point: 25°C (77°F) (DIN 51758 n
7 Behälter)

Ignition temperature: 265°C (509°F) (DIN 51794 n
7 Behälter)

Decomposition temperature: Not determined

Self-igniting: Product is not selfigniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower: 3,5 Vol % (DIN 51649 n
7 Behälter)
Upper: 15,0 Vol % (DIN 51649 n
7 Behälter)

Vapour pressure: Not determined.

Density at 25°C (77°F): 0,9 - 1,0 g/cm³ (DIN 51757 n
7 Behälter)

Bulk density: Not applicable.

Solubility in / Miscibility with

Water: Fully miscible

pH-value (500 g/l) at 25°C (77°F): 5 - 6 (DIN 19261 n
7 Behälter)

Viscosity:

dynamic at 25°C (77°F): 1 - 10 mPas (DIN 53019 n
7 Behälter)
kinematic: Not determined.

Solvent separation test: Not applicable.

Solvent content:

Organic solvents: 0,0 %
Solids content: 70,8 %

Additional information: Explosionsgrenzen für freigesetztes Ethanol.

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10 Stability and reactivity**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

Dangerous reactions:

Flammable vapour-air mixtures may develop if stored in large receptacles and above room temperature.

Dangerous decomposition products: Ethanol**11 Toxicological information****Acute toxicity:****Primary irritant effect:****on the skin:** Irritant to skin and mucous membranes.**on the eye:** Strong irritant with the danger of severe eye injury.**Sensitization:** No sensitizing effects known.**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

12 Ecological information:**Information about elimination (persistence and degradability):****Other information:** The product is difficultly biodegradable.**Ecotoxicological effects:****Remark:**

Harmful to fish

The product contains substances which causes severe clouding in water

General notes:

Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations**Product:****Recommendation**

After prior treatment product has to be landfilled adhering to the regulations pertaining to the disposal of particularly hazardous waste.

European waste catalogue

08 01 11 waste paint and varnish containing organic solvents or other dangerous substances

Uncleaned packaging:**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent: Water, if necessary together with cleansing agents.

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14 Transport information

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)



ADR/RID-GGVS/E Class: 3 (F1) Flammable liquids.
Danger code (Kemler): 30
UN-Number: 1993
Packaging group: III
Hazard label 3
Description of goods: 1993 FLAMMABLE LIQUID, N.O.S., special provision 640E (Alkylalkoxyxilane)

Maritime transport IMDG/GGVSea:



IMDG/GGVSea Class: 3
UN Number: 1993
Label 3
Packaging group: III
EMS Number: F-E,S-E
Marine pollutant: No
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Alkylalkoxyxilane)

Air transport ICAO-TI and IATA-DGR:



ICAO/IATA Class: 3
UN/ID Number: 1993
Label 3
Packaging group: III
Packing instructions Passenger: 309
Packing instructions cargo: 310
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Alkylalkoxyxilane)

15 Regulatory information

Labelling according to EU guidelines:

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version. Observe the general safety regulations when handling chemicals.

Code letter and hazard designation of product:



Xi Irritant

Risk phrases:

10 Flammable.

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41 Risk of serious damage to eyes.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

2 Keep out of the reach of children.

23 Do not breathe fumes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

46 If swallowed, seek medical advice immediately and show this container or label.

51 Use only in well-ventilated areas.

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases

10 Flammable.

34 Causes burns.

38 Irritating to skin.

41 Risk of serious damage to eyes.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing MSDS: Product safety department**Contact:** Mr Gilles Weber, Tel.: ++33(0)3 89 20 10 93*** Data compared to the previous version altered.**

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