

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** Adexin FL**Safety data sheet no.:** 49PD10095/2**Application of the substance / the preparation**

Oil stain remover

Fat/ Grease solvent

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:**

Mixture of substances listed below with nonhazardous additions.

Surfactant

Alkali phosphates

Dangerous components:

9002-92-0	Dodecanol,ethoxyliert	 Xn,  Xi,  N; R 22-41-50	5 - 10%
7601-54-9	trisodium orthophosphate	 Xi; R 36/38	2 - 5%

Additional information For the wording of the listed risk phrases refer to section 16.**3 Hazards identification****Hazard description:**

Xi Irritant

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 36 Irritating to eyes.

Classification system:

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

4 First aid measures**General information** Immediately remove any clothing soiled by the product.**After inhalation** Supply fresh air; consult doctor in case of complaints.

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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 Drink plenty of water and provide fresh air. Call for a doctor immediately.**Information for doctor** None**5 Fire fighting measures****Suitable extinguishing agents**

Use fire extinguishing methods suitable to surrounding conditions.

Protective equipment: Use methods suitable to surrounding conditions.**6 Accidental release measures****Person-related safety precautions:** Wear protective clothing.**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).

Dispose of the material collected according to regulations.

Additional information: See Section 13 for disposal information.**7 Handling and storage****Handling****Information for safe handling:**

Store in cool, dry place in tightly closed receptacles.

Keep receptacles tightly sealed.

Information about fire - and explosion protection: No special measures required.**Storage****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.**Further information about storage conditions:**

Protect from frost.

Store in cool, dry conditions in well sealed receptacles.

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:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

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

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

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

Respiratory protection: Not required.**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

Rubber gloves

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.

Eye protection: Tightly sealed goggles**Body protection:** Protective work clothing.**9 Physical and chemical properties:****General Information**

Form:	Fluid
Colour:	Transparent
Odour:	Odourless

Change in condition**Melting point/Melting range:** 0°C (32°F) (DIN ISO 3016)**Boiling point/Boiling range:** 100°C (212°F) (DIN)**Flash point:** Not applicable**Self-igniting:** Product is not selfigniting.**Danger of explosion:** Product does not present an explosion hazard.**Vapour pressure at 20°C (68°F):** 23 hPa (17 mm Hg) (DIN 51640)**Density at 20°C (68°F):** 1,05 g/cm³ (DIN 51757)**Bulk density:** Not applicable.**Solubility in / Miscibility with Water:**

Fully miscible

pH-value: Slightly alkaline**Viscosity:****dynamic:** Not determined.**kinematic:** Not determined.**Solvent separation test:** Not applicable.

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Solvent content:**Organic solvents:** 0,0 %**Additional information:** None.**10 Stability and reactivity****Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known**Dangerous decomposition products:** No dangerous decomposition products known.**11 Toxicological information****Acute toxicity:****LD/LC50 values relevant for classification:**

Components	Type	Value	Species
9002-92-0 Dodecanol,ethoxyliert			
Oral	LD50	200-2000 mg/kg (rat)	
Dermal	LD50	>2000 mg/kg (rat)	
7601-54-9 trisodium orthophosphate			
Oral	LD50	>2000 mg/kg (rat)	

Primary irritant effect:**on the skin:** Irritant to skin and mucous membranes.**on the eye:** Irritating effect.**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 easily biodegradable.**Ecotoxicological effects:****Acquatic toxicity:**

Type of test	Effective concentration	Method	Assessment
9002-92-0 Dodecanol,ethoxyliert			
EC50/48h	<1,0 mg/l	(Daphnia magna (großer Wasserfloh))	
EC50/72h	<1,0 mg/l	(Alge)	
LC50/96h	<1,0 mg/l	(Brachydanio rerio (Zebrabärbling))	
7601-54-9 trisodium orthophosphate			
LC0/48h	2400 mg/l	(Leuciscus idus (Goldorfe))	

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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

16 10 01	aqueous liquid wastes containing dangerous substances
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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.

14 Transport information**Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

ADR/RID-GGVS/E Class: -

Maritime transport IMDG/GGVSea:

IMDG/GGVSea Class: -

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

Transport/Additional information: Not dangerous according to the above specifications.

15 Regulatory information**Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
Observe the general safety regulations when handling chemicals.

Code letter and hazard designation of product:

Xi Irritant

Risk phrases:

36 Irritating to eyes.

Safety phrases:

2 Keep out of the reach of children.

24/25 Avoid contact with skin and eyes.

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.

37/39 Wear suitable gloves and eye/face protection.

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

National regulations**Other regulations, limitations and prohibitive regulations**

Das Erzeugnis ist entsprechend der VO des Waschmittelgesetzes beim UBA gemeldet.

UBA-Nr.02570001

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

22 Harmful if swallowed.

36/38 Irritating to eyes and skin.

41 Risk of serious damage to eyes.

50 Very toxic to aquatic organisms.

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.**

EU