

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 10/01/2001

Reviewed on 09/21/2001

1 Identification of substance:

- **Product details:**
- **Trade name:** POLYSPOT SL
- **Manufacturer/Supplier:**
SEITZ GmbH
Chemische Fabrik
Gutenbergstr. 3
D-65830 Kriftel
- **Information department:**
CHEM-TEL Inc.
10770 North 46th Street STE. B100
Temple Terrace
Tampa Florida 33617
- **Emergency information:** 1-800-255-3924

2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with non-hazardous ingredients.

CAS-No.	Components:	
64742-48-9	isoparaffins	20 - 40%
68411-30-3	linear alkylbenzenesulfonic acid salt	10 - 30%
34590-94-8	dipropylene glycol monomethylether	10 - 20%
37205-87-1	isononylphenol, oxethylated	10 - 20%

3 Hazards identification

- **Hazard description:**
Irritant liquid
Combustible liquid
- **Information pertaining to particular dangers for man and environment**
Irritating to eyes and skin.
- **Classification system**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0-4)**



Health = 1
Fire = 2
Reactivity = 0

4 First aid measures

- **General information**
Immediately remove any clothing soiled by the product.
Remove casualties from exposure.
Keep unprotected persons away.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact**
Immediately rinse with water.
If skin irritation continues, consult a doctor.

(Contd. on page 2)

USA

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 10/01/2001

Reviewed on 09/21/2001

Trade name: POLYSPOT SL

(Contd. of page 1)

- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.

* 5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
In case of fire, the following can be released:
Carbon monoxide and carbon dioxide (CO, CO₂)
Sulphur oxides (SOX)
- **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Avoid contact with eyes and skin.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the collected material according to regulations.

* 7 Handling and storage

- **Handling**
- **Information for safe handling:**
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with eyes and skin.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect from direct sun exposure and temperatures over 40°C.
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Do not use light alloy receptacles.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Protect from frost.
Time of storage: max. 18 month

(Contd. on page 3)

USA

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 10/01/2001

Reviewed on 09/21/2001

Trade name: POLYSPOT SL

(Contd. of page 2)

- Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
- Class according to regulation on flammable liquids: A III

8 Exposure controls and personal protection

- Additional information about design of technical systems: No further data; see item 7.

- Components with limit values that require monitoring at the workplace:

34590-94-8 dipropylene glycol monomethylether

ACGIH TLV Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
Skin

NIOSH REL Short-term value: 900 mg/m³, 150 ppm
Long-term value: 600 mg/m³, 100 ppm

OSHA PEL 600 mg/m³, 100 ppm
Skin

- Additional information: The lists that were valid during the creation were used as basis.

- Personal protective equipment

- General protective and hygienic measures

The usual precautionary measures for handling chemicals should be followed.

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.

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

Do not inhale gases / fumes / aerosols.

- Breathing equipment: Not necessary if room is well-ventilated.

- Protection of hands: Solvent resistant gloves

- Eye protection: Safety glasses

- Body protection: Protective work clothing.

9 Physical and chemical properties:

- Form: Fluid
Color: Yellowish
Odor: Weak, characteristic

- Change in condition

Melting point/Melting range: undetermined

Boiling point/Boiling range: undetermined

- Flash point: 68°C (154°F) (ASTM D93 c.c)

- Auto igniting: Product is not selfigniting.

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

- Density at 20°C (68°F): 0.930 - 0.940 g/cm³ (ISO 2811)

- Solubility in / Miscibility with Water: Not miscible or difficult to mix

- pH-value (100 g/l) at 20°C (68°F): 7.0 - 7.2

USA

(Contd. on page 4)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 10/01/2001

Reviewed on 09/21/2001

Trade name: POLYSPOT SL

(Contd. of page 3)

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with strong oxidizing agents.
- **Dangerous products of decomposition:**
Carbon monoxide and carbon dioxide
Sulphur oxides (SOx)

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

68411-30-3 linear alkylbenzenesulfonic acid salt

Oral	LD50	2550 mg/kg (rat)
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34590-94-8 dipropylene glycol monomethylether

Oral	LD50	5130 mg/kg (rat)
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Dermal	LD50	> 19000 mg/kg (rabbit)
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37205-87-1 isononylphenol, oxethylated

Oral	LD50	> 2000 mg/kg (rat)
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- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** Irritating effect.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water.

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

At present there are no ecotoxicological assessments.

13 Waste Disposal Method

- **Product and uncleaned packagings:**

- **Recommendation:**

Contaminated adsorbent, soil, water must be disposed of in a permitted hazardous waste management facility. Recovered products may be reused, reprocessed or incinerated or must be treated in a permitted hazardous waste management facility. It is your duty to dispose of the chemical materials and/or their containers in accordance with the Clean Air Act, The Clean Water Act, RCRA, as well as applicable Federal, State, and local Regulations regarding disposal.

14 Transport information

- **DOT regulations:**

- **Hazard class:**

(Contd. on page 5)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 10/01/2001

Reviewed on 09/21/2001

Trade name: POLYSPOT SL

(Contd. of page 4)

· Land transport ADR/RID (cross-border)

· ADR/RID class: -

· Maritime transport IMDG:

· IMDG Class: -

· Air transport ICAO-TI and IATA-DGR:

· ICAO/IATA Class: -

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

15 Regulatory information (Not meant to be all-inclusive/selected regulations represented)

· Product related hazard informations:

The product has been marked in accordance with national laws.

Observe the general safety regulations when handling chemicals

· Hazard symbols:

Irritant

Combustible

· Risk phrases:

Irritating to eyes and skin.

· Safety phrases:

Keep out of the reach of children.

When using do not eat or drink.

Avoid contact with skin and eyes.

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

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

Wear suitable gloves and eye/face protection.

In case of accident or if you feel unwell, seek medical advice immediately.

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

· National regulations

· Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

· Other regulations, limitations and prohibitive regulations

The product has been designed for professional use only.

· Please note:

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyers responsibility to ensure that their activities comply with Federal, State or provincial and local laws. The following specific information is made for the purpose of complying with numerous laws and regulations.

· U.S. Regulations

· SARA 313 Information:

This product contains the following substances are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

· CAS-No.: Chemical name:

void

· SARA Hazard Category:

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

void

(Contd. on page 6)

USA

Material Safety Data Sheet acc. to ISO/DIS 11014

Printing date 10/01/2001

Reviewed on 09/21/2001

Trade name: POLYSPOT SL

(Contd. of page 5)

· **Toxic Substances Control Act (TSCA):** All ingredients are listed on the TSCA inventory.

· **California proposition 65:**

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986.

This product contains / does not contain chemical(s) known to the State of California to cause cancer and/or to cause reproductive toxicity.

· **Chemicals known to cause cancer:**

void

· **Chemicals known to cause reproductive toxicity:**

void

· **State right-to-know**

The following product component(s) is/are cited on certain State lists as mentioned. Non-listed components may be shown in the composition section of the MSDS.

· **CAS-No.: Chemical name: LIST:**

34590-94-8 dipropyl glycol monomethylether NY/PA

· **OSHA hazard communication standard:**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

· **Comprehensive Environmental Response Compensation and Liability Act (CERCLA, or Superfund):**

This product contains the following substance(s) listed as "Hazardous Substances" under CERCLA, which may require reporting of releases:

· **CAS-No.: Chemical name:** void

· **Canadian regulations**

· **WHMIS information:**

The Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is:

D2B - Eye and/or skin irritant

Refer elsewhere in the MSDS for specific warnings and safe

handling information. Refer to the employer's workplace education program.

B3 - Combustible liquid

· **CPR statement:**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

· **Hazardous products act information:**

This produkt contains the following ingredient(s) which are Controlled Products and/or on the Ingredients Disclosure List (Canadian HPA section 13 and 14):

· **CAS-No.: Components:**

68411-30-3 linear alkylbenzenesulfonic acid salt

34590-94-8 dipropylene glycol monomethylether

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.

· **Contact:** Dr. Ralf Döring

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