

SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product identifier: TEGO DISPERS 747 W

Chemical name:

Mixture of pigment affinity polymer salts

Other means of identification

Recommended restrictions

Recommended use: Industrial Use

Restrictions on use: None known.

Manufacturer/Importer/Distributor Information

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2. Hazard(s) identification

Hazard Classification

Health Hazards

Serious eye irritation

Category 2A

Environmental Hazards

Chronic hazards to the aquatic environment

Category 3

Label Elements

Hazard Symbol:



| | |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal Word: | Warning |
| Hazard Statement: | Causes serious eye irritation. Harmful to aquatic life with long lasting effects. |
| Precautionary Statements | |
| Prevention: | Wash thoroughly after handling. Avoid release to the environment. Wear eye protection/face protection. |
| Response: | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Disposal: | Dispose of contents/ container to an approved waste disposal plant. |
| Hazard(s) not otherwise classified (HNOC): | None. |

3. Composition/information on ingredients

Chemical name:

Mixture of pigment affinity polymer salts

Mixtures

| Chemical Identity | CAS number | Content in percent (%) [*] |
|--------------------------------------------------------------|------------|-------------------------------------|
| Poly(oxy-1,2-ethanediyl), α-isotridecyl-ω-hydroxy-,phosphate | 73038-25-2 | >=1 - <5% |

^{*} All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

4. First-aid measures

Description of necessary first-aid measures

| | |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| General information: | Remove soiled or soaked clothing immediately |
| Inhalation: | Ensure supply of fresh air. In the event of symptoms seek medical advice. |
| Skin Contact: | In case of contact with skin wash off with soap and water. In the event of symptoms seek medical advice. |
| Eye contact: | In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek medical advice. |
| Ingestion: | Thoroughly clean the mouth with water In the event of symptoms seek medical advice. |
| Personal Protection for First-aid Responders: | Do not inhale explosion and/or combustion gases, Self-contained breathing apparatus. |

Most important symptoms/effects, acute and delayed

Symptoms: No special hints.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media: Full water jet

Specific hazards arising from the chemical: In the event of fire the following can be released: - carbon dioxide, carbon monoxide Oxides of phosphorus Under certain conditions of combustion traces of other toxic substances cannot be excluded

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No specific precautions.

Special protective equipment for fire-fighters: Do not inhale explosion and/or combustion gases Self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Methods and material for containment and cleaning up: Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

Environmental Precautions: Do not allow to enter drains or waterways Do not discharge into the subsoil/soil.

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation): No data available.

Safe handling advice: Avoid contact with skin and eyes. Do not inhale gases/vapours/aerosols.No special measures necessary if stored and handled as prescribed. Wear respiratory protection when spraying.

Contact avoidance measures: No data available.

Hygiene measures: Do not eat, drink or smoke when working. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.

Storage

Safe storage conditions: Keep container tightly closed. Protect from freezing.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.
Hazardous components without workplace control parameters

Appropriate Engineering Controls

No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection: This product is not classified as a hazardous substance. Any necessity for eye protection must be determined within the scope of a risk assessment.

Skin Protection

Hand Protection:

Material: gloves made of nitril (NBR)
Break-through time: > 120 min

Skin and Body Protection:

protective clothing

Respiratory Protection:

in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

Hygiene measures:

Do not eat, drink or smoke when working. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.

9. Physical and chemical properties

Appearance

| | |
|-----------------------------------|----------------------------------------------|
| Physical state: | liquid |
| Form: | liquid |
| Color: | yellowish |
| Odor: | specific to the product |
| Odor Threshold: | not measured |
| pH: | 7.2 (20 °C) delivered form |
| Freezing point: | not measured |
| Boiling Point: | approx. 100 °C |
| Flash Point: | > 100 °C No ignition up to the boiling point |
| Evaporation Rate: | not measured |
| Flammability (solid, gas): | no data available |

| | |
|-------------------------------------|---------------------------------|
| Explosive limit - upper (%): | not measured |
| Explosive limit - lower (%): | not measured |
| Vapor pressure: | not measured |
| Vapor density (air=1): | not measured |
| Density: | 1.086 g/cm ³ (25 °C) |
| Relative density: | No data available. |
| Solubility(ies) | |
| Solubility in Water: | Soluble |

| | |
|-------------------------------------------------|------------------------------------------|
| Solubility (other): | not measured |
| Partition coefficient (n-octanol/water): | not measured |
| Self Ignition Temperature: | not measured |
| Decomposition Temperature: | not measured |
| Kinematic viscosity: | No data available. |
| Dynamic viscosity: | 1,067 mPa.s (25 °C, DIN 53015 (Höppler)) |
| Other information | |
| Explosive properties: | not measured |
| Oxidizing properties: | not oxidizing |
| Minimum ignition temperature: | not measured |
| Metal Corrosion: | Not corrosive to metals |

10. Stability and reactivity

| | |
|--------------------------------------------|--------------------------------------------------|
| Reactivity: | see section "Possibility of hazardous reactions" |
| Chemical Stability: | The product is stable under normal conditions. |
| Possibility of hazardous reactions: | Exothermic reaction with alkalis. |
| Conditions to avoid: | Unknown |
| Incompatible Materials: | alkalines Bases. |
| Hazardous Decomposition Products: | None with proper storage and handling. |

11. Toxicological information

Information on likely routes of exposure

| | |
|----------------------|-------------------------------------------------------------------------------------------------|
| Inhalation: | Relevant route of exposure. Information on effects are given below. |
| Skin Contact: | Relevant route of exposure. Information on effects are given below. |
| Eye contact: | Relevant route of exposure. Information on effects are given below. |
| Ingestion: | If handled correctly, not a relevant route of exposure. Information on effects are given below. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|----------------------|--------------------|
| Inhalation: | No data available. |
| Skin Contact: | No data available. |
| Eye contact: | No data available. |
| Ingestion: | No data available. |

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

| | |
|-----------------|--------------------|
| Oral | |
| Product: | No data available. |
| Dermal | |

Product: no data available

**Inhalation
Product:** no data available

**Repeated dose toxicity
Product:** no data available

**Skin Corrosion/Irritation
Product:** No data available.

**Serious Eye Damage/Eye Irritation
Product:** non-irritant
Rabbit: non-irritant Own test result.

**Respiratory or Skin Sensitization
Product:** no data available

**Carcinogenicity
Product:** No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogens present or none present in regulated quantities

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogens present or none present in regulated quantities

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):
No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

**In vitro
Product:** No data available.

**In vivo
Product:** No data available.

**Reproductive toxicity
Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure
Product:** no data available

**Specific Target Organ Toxicity - Repeated Exposure
Product:** no data available

**Aspiration Hazard
Product:** Not classified

Other effects: Proper use provided, no adverse health effects have been observed or have been come to our knowledge.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: EC 50 (Daphnia magna (Water flea), 48 h): > 100 mg/l Own test result.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: not measured

Mobility in soil:

No data available.

Components:

Poly(oxy-1,2-ethanediyl),
 α -isotridecyl- ω -hydroxy-
 ,phosphate

Product: No data available.

Other adverse effects:

Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

Disposal methods:

In accordance with local authority regulations, take to special waste incineration plant

Contaminated Packaging:

If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. Transport information

Domestic regulation**49 CFR**

Not regulated as a dangerous good

International Regulations**UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

15. Regulatory information**US Federal Regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Hazard categories**

Serious eye damage or eye irritation

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**SARA 311/312 Hazardous Chemical****Chemical Identity****Threshold Planning Quantity****SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

Inventory Status:

US TSCA Inventory: Included on Inventory.
Canada NDSL Inventory: Included on Inventory.

16. Other information, including date of preparation or last revision

HMIS Hazard ID

| | |
|----------------------------|---|
| Health | 1 |
| Flammability | 1 |
| Physical Hazards | 0 |
| PERSONAL PROTECTION | X |

Ask supervisor or safety specialist for handling instructions

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

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Further Information: No data available.

Revision Information: Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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