SAFETY DATA SHEET

1. Identification

Product identifier: TEGO® Dispers 690

Chemical name: Polyester with pigment affinity groups

Other means of identification

Recommended use: Industrial use

Recommended restrictions: None known.

Manufacturer/Importer/Distributor Information

Company Name : Evonik Australia Pty Ltd
Suites 33&37
1 Ricketts Road
Mt Waverley, VIC 3149
Australia

Telephone : +61 3 8581 8400

Fax : +61 3 9544 5002

E-mail : productsafety-cs@evonik.com

Emergency telephone number:

24-Hour Health Emergency : +61 2 9037 2994

+1 703 527 3887 (CHEMTREC WORLD)

2. Hazard(s) identification

Classification according to GHS

Health Hazards

Acute toxicity (Oral) Category 5

Label Elements

Hazard Symbol: No symbol

Signal Word: Warning

Hazard Statement: May be harmful if swallowed.

Precautionary Statements

Response: Call a POISON CENTER or doctor/ physician if you feel unwell.

Other hazards: None known.

3. Composition/information on ingredients

Chemical name:
Polyester with pigment affinity groups

Substances

Composition information of impurities and stabilizers

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
Lauric acid	No data available.	143-07-7	10 - <20%

* 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: fresh air supply, consult a doctor if feeling unwell.

Skin Contact: In case of contact with skin wash off with soap and water. In case of discomfort: Supply with medical care.

Eye contact: In case of contact with eyes rinse thoroughly with water. In case of discomfort: Supply with medical care.

Ingestion: Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.

Personal Protection for First-aid Responders: No data available.

Most important symptoms and effects, both acute and delayed

Symptoms: Up to now no symptoms are known.

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: High volume water jet.

Special hazards arising from the substance or mixture: In the event of fire the following can be released: - carbon dioxide, carbon monoxide 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.

Accidental release measures: No data available.

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

Environmental Precautions: Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

7. Handling and storage

Handling

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

Safe handling advice: Provide good ventilation of working area (local exhaust ventilation if necessary).Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.

Contact avoidance measures: No data available.

Storage

Safe storage conditions: Keep container tightly closed in a cool, well-ventilated

place.Protect from frost. Keep away from heat.Store at temperature below 50°C.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Observe national threshold limit values.

Biological Limit Values

Observe national threshold limit values.

Appropriate Engineering Controls No data available.

Individual protection measures, such as personal protective equipment

General information: No data available.

Eye/face protection: Safety glasses

Skin Protection

Hand Protection: Material: Nitrile rubber.
Break-through time: 10 min
Glove thickness: 0.5 mm

Other: protective clothing

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

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

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	Viscous Liquid
Color:	Yellow
Odor:	Characteristic
Odor Threshold:	not measured
Freezing point:	not measured
Boiling Point:	not measured
Flammability:	not measured

Upper/lower limit on flammability or explosive limits

Explosive limit - upper:	not measured

Explosive limit - lower:	not measured
Flash Point:	361 °F/183 °C (DIN EN ISO 2719)
Autoignition Temperature:	not measured
Decomposition Temperature:	not measured
pH:	Not applicable
Viscosity	
Dynamic viscosity:	44,010 mPa.s (68 °F/20 °C, Brookfield)
Kinematic viscosity:	41994 mm2/s (68 °F/20 °C, calculated)
Flow Time:	No data available.
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	not measured
Partition coefficient (n-octanol/water):	not measured
Vapor pressure:	not measured
Relative density:	not measured
Density:	1.048 g/cm3 (68 °F/20 °C) (DIN 51757)
Bulk density:	No data available.
Relative vapor density:	not measured

Other information

Explosive properties:	not measured
Oxidizing properties:	not oxidizing
Minimum ignition temperature:	not measured
Metal Corrosion:	Not corrosive to metals
Evaporation Rate:	not measured

10. Stability and reactivity

Reactivity:	see section "Possibility of hazardous reactions".
Chemical Stability:	The product is stable under normal conditions.
Possibility of hazardous reactions:	No hazardous reactions with proper storage and handling
Conditions to avoid:	Open flames, sparks or input of much heat Freezing.
Incompatible Materials:	Not known.
Hazardous Decomposition Products:	None with proper storage and handling.

11. Toxicological information

Information on toxicological effects

Information on likely routes of exposure

Inhalation:	Information on effects are given below.
Skin Contact:	Information on effects are given below.
Eye contact:	Information on effects are given below.
Ingestion:	Information on effects are given below.

Acute toxicity (list all possible routes of exposure)

Oral

Product:	LD 50 (Rat): > 2,000 mg/kg (OECD 423)
Components:	
Lauric acid	LD 50 (Rat): > 5,000 mg/kg

Dermal

Product:	LD 50 (ATEmix): > 5,000 mg/kg
Components:	
Lauric acid	LD 50 (Rabbit): > 2,000 mg/kg

Inhalation

Product:	No data available.
Components:	
Lauric acid	No classification, Vapour Not applicable, Dust and mist

Repeated dose toxicity

Product:	No data available.
Components:	
Lauric acid	No data available.

Skin Corrosion/Irritation	Not irritating
Product:	OECD 439 (Human, reconstructed epidermis (RhE) model): Not irritating;
Components:	
Lauric acid	OECD 404 (Rabbit): Not irritating

Serious Eye Damage/Eye Irritation	Not irritating
Product:	OECD 437 (Bovine cornea): Not irritating;
Components:	
Lauric acid	OECD 405 (Rabbit): Risk of serious damage to eyes.

Respiratory or Skin Sensitization	
Product:	No data available.
Components:	
Lauric acid	Buehler Test (Guinea Pig): Not a skin sensitizer.
Carcinogenicity	
Product:	No data available.
Components:	

Lauric acid No data available.

Germ Cell Mutagenicity

No data available.

In vitro
Product: Bacterial reverse mutation assay (OECD 471): negative;
Components:
Lauric acid No data available.

In vivo
Product: No data available.
Components:
Lauric acid No data available.

Reproductive toxicity
Product: No data available.
Components:
Lauric acid No data available.

Specific Target Organ Toxicity - Single Exposure
Product: No data available.
Components:
Lauric acid No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product: No data available.
Components:
Lauric acid No data available.

Aspiration Hazard
Product: Not classified
Components:
Lauric acid Not applicable

Information on health hazards

Other hazards
Product: No data available.

12. Ecological information

Ecotoxicity:
Acute hazards to the aquatic environment:

Fish
Product: No data available.
Components:

Lauric acid LC 50 (Oryzias latipes, 96 h): 5 mg/l

Aquatic Invertebrates
Product: No data available.
Components:

Lauric acid	EC 50 (Daphnia magna, 48 h): 3.6 mg/l NOEC (Daphnia magna, 48 h): 1.5 mg/l

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
Lauric acid	EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): > 7.6 mg/l (OECD 201) EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): > 7.6 mg/l (OECD 201)

Toxicity to microorganisms

Product:	No data available.
Components:	
Lauric acid	EC0 (Pseudomonas putida, 0.5 h): 1,000 mg/l (OECD 209)

Toxicity to soil dwelling organisms

Product:	No data available.
Components:	
Lauric acid	No data available.

Toxicity to terrestrial organisms

Product:	No data available.
Components:	
Lauric acid	No data available.

Chronic hazards to the aquatic environment:

Fish

Product:	No data available.
Components:	
Lauric acid	NOEC (Danio rerio, 28 d): 6.4 mg/l LC 50 (Danio rerio, 28 d): 9.8 mg/l

Aquatic Invertebrates

Product:	No data available.
Components:	
Lauric acid	NOEC (Daphnia magna, 21 d): 1.294 mg/l (OECD 211)

Toxicity to Aquatic Plants

Product:	NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): 50 mg/l (OECD 201)
Components:	
Lauric acid	NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): 7.6 mg/l (OECD 201) NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): 4.4 mg/l (OECD 201)

Toxicity to microorganisms

Product:	No data available.
Components:	
Lauric acid	EC0 (Pseudomonas putida, 0.5 h): 1,000 mg/l (OECD 209)

Toxicity to soil dwelling organisms

Product:	No data available.
Components:	

Lauric acid	No data available.

Toxicity to terrestrial organisms

Product:	No data available.
Components:	
Lauric acid	No data available.

Persistence and Degradability

Biodegradation

Product:	No data available.
Components:	
Lauric acid	86 % (30 d, OECD 301 D) The product is easily biodegradable., aerobic

BOD/COD Ratio

Product:	No data available.
Components:	
Lauric acid	No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product:	No data available.
Components:	
Lauric acid	No data available.

Partition Coefficient n-octanol / water (log Kow)

Product:	Log Kow: not measured
Components:	
Lauric acid	Log Kow: 5 (QSAR)

Mobility in soil:

Product	No data available.
Components:	
Lauric acid	No data available.

Product	No data available.
Components:	
Lauric acid	No data available.

Other adverse effects:

Other hazards

Product:	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

ADG
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

International regulations

Montreal protocol
Not applicable

Stockholm convention
Not applicable

Rotterdam convention
Not applicable

Kyoto protocol
Not applicable

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

Issue Date:	18.08.2021
Version #:	1.1
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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