

Product name: TEGO® Dispers 676

SAFETY DATA SHEET

Classified in accordance with Health Canada Hazardous Products Regulations
(SOR/2015-17)

1. Identification

Product identifier:
TEGO® Dispers 676

Chemical name:
Polymer with pigment affinity groups

Recommended use of the chemical and restrictions on use

Recommended use: Industrial use
Recommended restrictions: None known.

Manufacturer/Importer/Distributor Information

Company Name : Evonik Canada Inc.
3380 South Service Road
L7N 3J5 Burlington ON
Canada

Telephone : +1 905 336 3423
Fax : +1 905 332 5632
E-mail : product-regulatory-services@evonik.com

Emergency telephone number:

24-Hour Health Emergency : +1 800 424 9300 (CHEMTREC - US & CANADA)
800 681 9531 (CHEMTREC MEXICO)
+1 703 527 3887 (CHEMTREC WORLD)
+1 613 996 6666 (CANUTEC – For Transportation Emergencies Only)
+1 973 929 8060 (Product Regulatory Services)

2. Hazard identification

According to Hazardous Products Regulations

Physical Hazards

Flammable liquids Category 3
Static-accumulating flammable liquid Category 1

Health Hazards

Serious Eye Damage/Eye Irritation Category 2A

Label Elements

Hazard Symbol:

Product name: TEGO® Dispers 676



Signal Word:

Warning

Hazard Statement:

Flammable liquid and vapor.
Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment.
Sparks may ignite liquid and vapor.
May cause flash fire or explosion.
Causes serious eye irritation.

Precautionary Statements

Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Wash face, hands and any exposed skin thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection/face protection. These alone may be insufficient to remove static electricity.

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. 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. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Physical Hazards Not Otherwise Classified:

Classification not possible

Health Hazards Not Otherwise Classified:

Classification not possible

3. Composition/information on ingredients
--

Chemical name:

Polymer with pigment affinity groups

Product name: TEGO® Dispers 676
Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)* Reference quantity: Fraction (Weight)
Butyl acetate	No data available.	123-86-4	10 - <20%
Lauric acid	No data available.	143-07-7	1 - <3%

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

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 plenty of water. If symptoms persist, seek medical advice.
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:	Serious eye irritation
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 fire-fighters

Special fire-fighting procedures: Keep away from sources of ignition - no smoking. Take action to prevent static discharges. Vapours may form explosive mixtures with air. Cool endangered containers by water spray

Product name: TEGO® Dispers 676

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. Ensure adequate ventilation. Keep away sources of ignition.

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:

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

Contact avoidance measures:

No data available.

Storage
Safe storage conditions:

Keep container tightly closed in a cool, well-ventilated place. Keep away from direct sunlight. Protect from frost.

Safe packaging materials:

No data available.

8. Exposure controls/personal protection
Control Parameters
Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values		Source
Butyl acetate	STEL	200 ppm	950 mg/m ³	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended
	TWA	150 ppm	713 mg/m ³	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended
Butyl acetate		50 ppm		Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended
		150 ppm		Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended
Butyl acetate	8 HR ACL	150 ppm		Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended
	15 MIN ACL	200 ppm		Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended

Product name: TEGO® Dispers 676

Butyl acetate	STEL	150 ppm		Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended
	TWA	50 ppm		Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended
Butyl acetate	STEL	150 ppm		Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended
Butyl acetate	STEL	150 ppm		Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended)
	TWA	50 ppm		Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended)
	TWA	50 ppm		Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended
Butyl acetate	TWA	50 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	150 ppm		US. ACGIH Threshold Limit Values, as amended
Butyl acetate	REL	150 ppm	710 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Butyl acetate	STEL	200 ppm	950 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

Appropriate Engineering Controls No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety glasses

Hand Protection: Material: Nitrile rubber.
Break-through time: 10 min

Other: protective clothing

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

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

9. Physical and chemical properties
Information on basic physical and chemical properties
Appearance

Physical state: liquid
Form: liquid
Color: Amber
Odor: specific to the product
Odor Threshold: not measured

Product name: TEGO® Dispers 676

Freezing point:	not measured
Boiling Point:	261 °F/127 °C Solvent
Flammability:	not measured
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	not measured
Explosive limit - lower:	not measured
Flash Point:	93 °F/34 °C (DIN EN ISO 2719)
Self Ignition Temperature:	not measured
Decomposition Temperature:	not measured
pH:	Not applicable
Viscosity	
Dynamic viscosity:	2,220 mPa.s (77 °F/25 °C, DIN 53015)
Kinematic viscosity:	2176 mm ² /s (77 °F/25 °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:	1.02 g/cm ³ (77 °F/25 °C)
Bulk density:	No data available.
Relative vapor density:	not measured
Other information	
Explosive properties:	not measured
Oxidizing properties:	not oxidizing
Minimum ignition temperature:	779 °F/415 °C Solvent
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 direct sunlight Freezing.
Incompatible Materials:	Not known.
Hazardous Decomposition Products:	None with proper storage and handling.

11. Toxicological information

Information on toxicological effects

Product name: TEGO® Dispers 676

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)
Dermal	
Product:	LD 50 (ATEmix): > 5,000 mg/kg
Inhalation	
Product:	No data available. Not classified for acute toxicity based on available data.

Repeated dose toxicity
Product: No data available.

Skin Corrosion/Irritation
Product: No data available.

Serious Eye Damage/Eye Irritation
Product: No data available.

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

ACGIH: US.ACGIH Threshold Limit Values:

No carcinogens present or none present in regulated quantities

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

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended

No carcinogens present or none present in regulated quantities

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended

No carcinogens present or none present in regulated quantities

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

No data available.

Product name: TEGO® Dispers 676

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

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.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

Butyl acetate EC 50 (Desmodesmus subspicatus (green algae), 72 h): 647 mg/l growth rate

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.

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.

Components:

Butyl acetate NOEC (Desmodesmus subspicatus (green algae), 72 h): 200 mg/l growth

Product name: TEGO® Dispers 676

Lauric acid	rate 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.

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:

Product No data available.

Results of PBT and vPvB assessment:

Product 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
Domestic regulation
TDG

UN number or ID number : UN 1993
 Proper shipping name : FLAMMABLE LIQUID, N.O.S.

Class : 3
 Packing group : III
 Labels : 3
 Marine pollutant : no

International Regulations

Product name: TEGO® Dispers 676**IATA-DGR**

UN/ID No. : UN 1993
Proper shipping name : Flammable liquid, n.o.s.
(CONTAINS BUTYLACETATE)
Class : 3
Packing group : III
Labels : 3
Packing instruction (cargo aircraft) : 366
Packing instruction (passenger aircraft) : 355

IMDG-Code

UN number or ID number : UN 1993
Proper shipping name : FLAMMABLE LIQUID, N.O.S.
(CONTAINS BUTYLACETATE)
Class : 3
Packing group : III
Labels : 3
EmS Code : F-E, S-E
Marine pollutant : no
Remarks : Stowage category A

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

Not applicable for product as supplied.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

15. Regulatory information**Canada Federal Regulations****List of Toxic Substances (CEPA, Schedule 1)**

Not Regulated

Export Control List (CEPA 1999, Schedule 3)

Not Regulated

National Pollutant Release Inventory (NPRI)**Canada. National Pollutant Release Inventory (NPRI) Substances, Part 5, VOCs with Additional Reporting Requirements**

NPRI PT5 Not Regulated

Canada. National Pollutant Release Inventory (NPRI) (Schedule 1, Parts 1-4)

NPRI Not Regulated

Greenhouse Gases

Not Regulated

Canada. Substances Subject to Significant New Activity (SNAc) Reporting Requirements

Not Regulated

Controlled Drugs and Substances Act

CA CDSI Not Regulated

CA CDSII Not Regulated

Product name: TEGO® Dispers 676

CA CDSIII	Not Regulated
CA CDSIV	Not Regulated
CA CDSV	Not Regulated
CA CDSVII	Not Regulated
CA CDSVIII	Not Regulated

Precursor Control Regulations

Not Regulated

Inventory Status:

US TSCA Inventory:	Included on Inventory.	
Canada DSL Inventory List:	Not on Inventory.	Evonik has submitted a non-Final NSN (New Substance Notification) for this substance.

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

Issue Date:	07/14/2022
Version #:	1.0
Further Information:	No data available.

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

Disclaimer: This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.