

SAFETY DATA SHEET

1. Identification

Product identifier: TEGOTEX RT 2033

Chemical name: Mixture of emulsion

Other means of identification

Recommended use: Industrial Use

Recommended restrictions: None known.

Manufacturer/Importer/Distributor Information Company

Name : Evonik (SEA) Pte Ltd.

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#07-18 Nordic European Centre
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Telephone : +65 6 809 6666

Emergency telephone number: 24-Hour

Health : 800 101 2201

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2. Hazard(s) identification

According to Hazardous Product Regulations Health Hazards

Skin irritation	Category 3
Serious eye irritation	Category 2

Label Elements

Hazard Symbol:



Signal Word: Warning

Hazard Statement: Causes mild skin irritation.
Causes serious eye irritation.

Precautionary Statements

Prevention: Wash thoroughly after handling. 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 skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

Other hazards: None known.

3. Composition/information on ingredients

Chemical name:
Mixture of emulsion

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
Poly(oxy-1,2-ethanediyl), α -[3,5-dimethyl-1-(2methylpropyl)hexyl]- ω hydroxy-		60828-78-6	≥ 1 - $< 10\%$

* 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: 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 plenty of water. If symptoms persist, 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: 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: Full water jet

Specific hazards arising from carbon the chemical: In the event of fire the following can be released: - carbon dioxide, monoxide - Nitrogen oxides (NO_x)

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

Use personal protective equipment.

Personal precautions, protective equipment and emergency procedures:

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

Precautions for safe handling: Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. No special measures necessary if stored and handled as prescribed. Keep container closed. Protect from frost. Keep away from heat.

Conditions for safe storage, including any incompatibilities:

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 No data available. **Controls**

Individual protection measures, such as personal protective equipment

General information: No data available.

Eye/face protection: safety glasses

Skin Protection

Hand Protection: Material: gloves made of nitril (NBR)
Break-through time: 480 min

Other: protective clothing

Respiratory Protection: in case of formation of vapours/aerosols: Short term: filter apparatus, 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:	White
Odor:	Slight
Odor Threshold:	not measured

pH:	6 - 9 (100 g/l, 25 °C) in Water
Freezing point:	not measured
Boiling Point:	> 100 °C
Flash Point:	> 100 °C (DIN EN 22719 (DIN 51758))
Evaporation Rate:	not measured
Flammability (solid, gas):	no data available
Flammability Limit - Upper (%):	not measured
Flammability Limit - Lower (%):	not measured
Vapor pressure:	not measured
Vapor density (air=1):	not measured
Density:	approx. 1 g/cm ³ (25 °C) (DIN 51757)
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	(25 °C) Soluble
Solubility (other):	not measured
Partition coefficient (n-octanol/water):	not measured
Autoignition Temperature:	not measured
Decomposition Temperature:	not measured
Kinematic viscosity:	20 - 30 mm ² /s (25 °C, DIN EN 535 (4 mm))
Dynamic viscosity:	125 mPa.s (25 °C)
Explosive properties:	not measured
Oxidizing properties:	not oxidizing
Other information	
Dust Explosion Limit, Upper:	not measured
Dust Explosion Limit, Lower:	not measured
Minimum ignition temperature:	not measured
Metal Corrosion:	Not corrosive to metals
Self Ignition Temperature:	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:	Unknown
Incompatible Materials:	Unknown
Hazardous Decomposition Products:	None with proper storage and handling.

11. Toxicological information

Information on likely routes of exposure

Inhalation:	If handled correctly, not a 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.No data available.
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Dermal

Product:	No data available.No data available.
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Inhalation

Product:	No data available.No data available.
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Repeated dose toxicity

Product:	no data available
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Skin Corrosion/Irritation

Product:	no data available
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Serious Eye Damage/Eye Irritation

Product:	No data available.
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Respiratory or Skin Sensitization**Product:** no data available**Carcinogenicity****Product:** No data available.**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:** Causes serious eye irritation.**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish****Product:** No data available.**Aquatic Invertebrates****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.

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.

Known or predicted distribution to environmental compartments Poly(oxy-1,2-ethanediyl), α - No data available.
[3,5-dimethyl-1-(2methylpropyl)hexyl]-
 ω hydroxy-

Other adverse effects:

The product is classified as extremely hazardous to waters (according to the German Regulation on the Classification of Substances Hazardous to Waters (WwSV). 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

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****Stockholm convention****Rotterdam convention****Kyoto protocol****16. Other information, including date of preparation or last revision****Issue Date:** 04.03.2019**Revision Date:** No data available.**Version #:** 1.0**Further Information:** No data available.

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