

# Safety Data Sheet

acc. to OSHA HCS

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Printing date 09/09/2024  
Reviewed on 09/09/2024

## 1 Identification

- **Product identifier**
- **Trade name:** Versatile anhydrous
- **Article number:** 615242, 107427
- **Application of the substance / the mixture** Additive for cosmetic or pharmaceutic preparations
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Fagron Inc  
2400 Pilot Knob Road  
St. Paul, MN 55120  
www.fagron.us  
QA@fagron.us
- **Information department:**  
Tel.: 800-423-6967  
Fax: 800-339-1596
- **Emergency telephone number:**  
Emergency Telephone:  
US: 1-800-535-5053  
International: 1-352-323-3500

Distributor: Bella Corp Trading Pty Ltd  
6/34 Dominions Rd, Ashmore QLD 4214  
Australia | T: 07 5597 4169  
E: bellacorp@bellacorp.com.au  
  
IN CASE OF EMERGENCY: Chemtrec  
Outside USA and Canada:  
+1 703-527-3887  
NSW Poisons Information  
Centre: 131 126 (24 hours)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 2  
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 0  
Fire = 2  
Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- **Dangerous components:**

CAS: 111-90-0	Transcutol P Ethoxy Diglycol 2-(2-ethoxyethoxy)ethanol	10-≤25%
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CAS: 5949-29-1 Citric Acid Monohydrate

0.1–≤1%

## 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture**  
No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

### · PAC-1:

CAS: 111-90-0	Transcutol P Ethoxy Diglycol 2-(2-ethoxyethoxy)ethanol	75 ppm
CAS: 36653-82-4	Cetylalcohol Alcohol cetylicus	1.6 mg/m <sup>3</sup>
CAS: 68439-49-6	Macrogolcetylstearylether Macrogoli aether cetostearylicus	3.8 mg/m <sup>3</sup>

### · PAC-2:

CAS: 111-90-0	Transcutol P Ethoxy Diglycol 2-(2-ethoxyethoxy)ethanol	100 ppm
CAS: 36653-82-4	Cetylalcohol Alcohol cetylicus	18 mg/m <sup>3</sup>
CAS: 68439-49-6	Macrogolcetylstearylether Macrogoli aether cetostearylicus	42 mg/m <sup>3</sup>

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· **PAC-3:**

CAS: 111-90-0	Transcutol P Ethoxy Diglycol 2-(2-ethoxyethoxy)ethanol	450 ppm
CAS: 36653-82-4	Cetylalcohol Alcohol cetylicus	110 mg/m <sup>3</sup>
CAS: 68439-49-6	Macrogolcetylstearylether Macrogoli aether cetostearylicus	250 mg/m <sup>3</sup>

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.  
At this time, the remaining constituent has no known exposure limits.

**CAS: 111-90-0 Transcutol P**  
**Ethoxy Diglycol**  
**2-(2-ethoxyethoxy)ethanol**

WEEL Long-term value: 25 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Not required.

- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:

Pasty

Color:

According to product specification

- **Odor:**

Light

- **Odor threshold:**

Not determined.

- **pH-value:**

Not applicable.

- **Change in condition**

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

175°C (347°F)

- **Flash point:**

91°C (195.8°F)

- **Flammability (solid, gaseous):**

Not determined.

- **Auto igniting:**

205°C (401°F)

- **Decomposition temperature:**

Not determined.

- **Ignition temperature:**

Product is not selfigniting.

- **Danger of explosion:**

Product does not present an explosion hazard.

- **Explosion limits:**

Lower:

1.2 Vol %

Upper:

23.5 Vol %

- **Vapor pressure at 20°C (68°F):**

0.1 hPa

- **Density:**

Not determined.

- **Relative density**

Not determined.

- **Vapor density**

Not applicable.

- **Evaporation rate**

Not applicable.

- **Solubility in / Miscibility with**

Water:

Soluble.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic:

Not applicable.

Kinematic:

Not applicable.

- **Solvent content:**

Organic solvents:

12.3 %

VOC content:

12.30 %

- **Other information**

No further relevant information available.

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## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

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

**CAS: 111-90-0 Transcutol P**  
**Ethoxy Diglycol**  
**2-(2-ethoxyethoxy)ethanol**

Oral	LD50	6031 mg/kg (mouse) >5001 mg/kg (rat)
Dermal	LD50	5900 mg/kg (guinea pig) 6000 mg/kg (rat) 9143 mg/kg (rabbit)

**CAS: 5949-29-1 Citric Acid Monohydrate**

Oral	LD50	5400 mg/kg (mouse) 11700 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

CAS: 128-37-0 Butylated hydroxytoluene

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· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

**CAS: 111-90-0 Transcutol P**  
**Ethoxy Diglycol**  
**2-(2-ethoxyethoxy)ethanol**

LC50 (96h) 6010 mg/l (fish)

· **Persistence and degradability** No further relevant information available.

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- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

· <b>UN-Number</b>	
· <b>DOT, IMDG, IATA</b>	not regulated
· <b>UN proper shipping name</b>	
· <b>DOT, IMDG, IATA</b>	not regulated
· <b>Transport hazard class(es)</b>	
· <b>DOT, ADN, IMDG, IATA</b>	
· <b>Class</b>	not regulated
· <b>Packing group</b>	
· <b>DOT, IMDG, IATA</b>	not regulated
· <b>Environmental hazards:</b>	Not applicable.
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	not regulated

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **Sara**

### · **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

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## Section 313 (Specific toxic chemical listings):

CAS: 111-90-0	Transcutol P Ethoxy Diglycol 2-(2-ethoxyethoxy)ethanol
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## TSCA (Toxic Substances Control Act):

CAS: 73398-61-5	Glycerides, mixed decanoyl and octanoyl	ACTIVE
CAS: 85251-77-0	Glycerol monostearate 40-55 ( type II ) Glycerides, C16-18 mono- and di-	ACTIVE
CAS: 111-90-0	Transcutol P Ethoxy Diglycol 2-(2-ethoxyethoxy)ethanol	ACTIVE
CAS: 6309-51-9	Isopentyl laurate	ACTIVE
CAS: 68956-68-3	Cremerlin® Pura Oils, vegetable	ACTIVE
CAS: 24271-12-3	Octadecyl docosanoate	ACTIVE
CAS: 8012-89-3	Beeswax white - Cera alba Beeswax,yellow - Cera flava	ACTIVE
CAS: 36653-82-4	Cetylalcohol Alcohol cetylicus	ACTIVE
CAS: 77538-19-3	Compritol® 888 Docosanoic acid, ester with 1,2,3-propanetriol	ACTIVE
CAS: 68439-49-6	Macrogolcetylstearylether Macrogoli aether cetostearyllicus	ACTIVE
CAS: 128-37-0	Butylated hydroxytoluene	ACTIVE

## Hazardous Air Pollutants

None of the ingredients is listed.

## Proposition 65

### Chemicals known to cause cancer:

None of the ingredients is listed.

### Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

### Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

### Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

## Carcinogenic categories

### EPA (Environmental Protection Agency)

None of the ingredients is listed.

### TLV (Threshold Limit Value)

CAS: 128-37-0	Butylated hydroxytoluene	A4
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### NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 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.

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· **Department issuing SDS:**

Fagron US

Quality Assurance

· **Contact:** QA@fagron.us

· **Date of preparation / last revision** 09/09/2024 / 1.0

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

· **\* Data compared to the previous version altered.**

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