



EIGENMANN & VERONELLI S.p.A.
Safety Data Sheet
SORBITAL T 20 (VARI TIPI)

Safety Data Sheet dated 8/4/2020, version 1 (Reg. 830/2015/UE)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mixture identification:

Trade name: SORBITAL T 20 (different type, see section 16)

SdS n°: EV30470-EV_

CAS number: 9005-64-5

Polymer exempt from REACH registration (ref. Art. 2 par. 9)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Industrial use.

Tanning industry.

Cosmetic Industry.

Pharmaceutical.

1.3. Details of the supplier of the safety data sheet

Supplier:

EIGENMANN & VERONELLI S.p.A.

Via della Mosa, 6 - 20017 Rho (MI) Italy

Tel. +39 02935391 - Fax +39 02935361

Competent person responsible for the safety data sheet:

stg@eigver.it

1.4. Emergency telephone number:

+39 0293500783 (h 8:30-12:45 13:15-17:15 in Italy)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

The product is classified as not hazardous, according to Reg. 1272/2008/EC (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards.

2.2. Label elements

Hazard pictograms:

None.

Hazard statements:

None.

Precautionary statements:

None.

Special Provisions:

None.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None.

2.3. Other hazards:

vPvB Substances: None - PBT Substances: None.

Other Hazards:

No other hazards.



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SECTION 3: Composition/information on ingredients

Chemical Identity: Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.
INCI-POLYSORBATE 20 (cosmetic grades - see par. 16)

3.1. Substances:

N.A.

3.2. Mixtures:

Hazardous components within the meaning of the CLP regulation and related classification:
None.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water for at least 10 minutes.

In case of Ingestion:

In case of accidental ingestion rinse the mouth with water.

GET IMMEDIATE MEDICAL ADVICE, showing the emergency card.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Self-protection of the first aider:

Wear personal protective equipment when required (see section 8.2).

4.2. Most important symptoms and effects, both acute and delayed:

None.

4.3. Indication of any immediate medical attention and special treatment needed:

Special treatment:

None.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Nebulized water, foam, chemical powders.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture:

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

During thermal decomposition it may generate toxic gases containing CO, CO₂.

5.3. Advice for firefighters:

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.



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SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
For non-emergency personnel:
Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.
For emergency responders:
Check the compatibility of protective clothing materials with what is stated in par. 8.
- 6.2. Environmental precautions:
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand.
- 6.3. Methods and material for containment and cleaning up:
Wash with plenty of water.
- 6.4. Reference to other sections:
See also section 8 and 13.

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling:
Avoid contact with skin and eyes, inhalation of vapours and mists.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities:
Keep away from food, drink and feed.
Incompatible materials:
Keep away from strong oxidizing agents.
Instructions as regards storage premises:
Adequately ventilated premises.
- 7.3. Specific end use(s):
None in particular.

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters:
No occupational exposure limit available.
DNEL Exposure Limit Values:
N.D.
PNEC Exposure Limit Values:
N.D.
- 8.2. Exposure controls
Eye protection:
Eye glasses with side protection [EN 166].
Protection for skin:
Overall.
Protection for hands:
Gloves with long cuffs [EN374].
Respiratory protection:
Not needed for normal use.
Thermal Hazards:
None.



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Environmental exposure controls:

Take the necessary precautions to avoid the dispersion of the product in the environment.

Appropriate engineering controls:

None.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Properties	Value	Notes:
Appearance:	Clear liquid	--
Colour:	Yellow	--
Odour:	Characteristic	--
Odour threshold:	N.D.	--
pH:	5 - 7	water solution (5 g/l)
Melting point / freezing point:	N.D.	--
Initial boiling point and boiling range:	> 250 °C	--
Flash point:	> 125 °	--
Evaporation rate:	N.D.	--
Solid/gas flammability:	N.D.	--
Upper/lower flammability or explosive limits:	N.D.	--
Vapour pressure:	N.D.	--
Vapour density:	N.D.	--
Relative density:	1,100 g/ml	20 °C
Solubility in water:	soluble	--
Solubility in oil:	N.D.	--
Partition coefficient (n-octanol/water):	N.D.	--
Auto-ignition temperature:	N.D.	--
Decomposition temperature:	N.D.	--
Viscosity:	N.D.	--
Explosive properties:	None	--
Oxidizing properties:	None	--

9.2. Other information:

Properties	Value	Notes:
Miscibility:	N.D.	--
Fat Solubility:	N.D.	--
Conductivity:	N.D.	--
Substance Groups relevant properties:	Not Relevant.	--

SECTION 10: Stability and reactivity

10.1. Reactivity:

Stable under normal conditions.

10.2. Chemical stability:

Stable under normal conditions.

10.3. Possibility of hazardous reactions:

None.

10.4. Conditions to avoid:

Avoid contact with strong oxidizers.



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- 10.5. Incompatible materials:
Keep away from strong oxidizing agents.
- 10.6. Hazardous decomposition products:
None.
During thermal decomposition it may generate toxic gases containing CO, CO₂.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects:
LD50 (Oral, Rat): > 2000 mg/kg.
Skin irritation/corrosion: Not irritant (Rabbit).
Eyes irritation/corrosion: Not irritant (Rabbit).
Skin sensitization: Not sensitising.

SECTION 12: Ecological information

- 12.1. Toxicity
Adopt sound working practices, so that the product is not released into the environment.
EC50 (Carassius Auratus): > 10 mg/l/96h.
EC50 (Dafnie): > 10 mg/l/48h.
- 12.2. Persistence and degradability:
Not readily biodegradable: > 60% (28 day, OECD 301).
- 12.3. Bioaccumulative potential:
N.D.
- 12.4. Mobility in soil:
N.D.
- 12.5. Results of PBT and vPvB assessment:
vPvB Substances: None - PBT Substances: None.
- 12.6. Other adverse effects:
None.

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods:
Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

- Not a dangerous material under the amended E.E.C. Council Directives.
- 14.1. UN number:
N.A.
- 14.2. UN proper shipping name:
N.A.
- 14.3. Transport hazard class(es):
N.A.
- 14.4. Packing group:
N.A.
- 14.5. Environmental hazards:
Environmental/Marine pollution: No
N.A.
- 14.6. Special precautions for user:
N.A.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code:
N.A.



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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/699 (ATP 11 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III).
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive).

Provisions related to directive EU 2012/18 (Seveso III):

Product belongs to category: NA.

15.2. Chemical safety assessment:

No Chemical Safety Assessment has been carried out for the substance.

SECTION 16: Other information

Product code: 30470
19438
24062
46255

Main bibliographic sources:

- ECHA Registered Substances site:
<http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>
- ACGIH - Threshold Limit Values - 2004 edition



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The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

A safety data sheet is not required for this product according to Article 31 of REACH Regulation. The Safety Data Sheet is provided for the purpose of transmitting the information specified in art. 32 Reg. REACH, so is subject to the prescriptions of this article.
(See ECHA helpdesk, Q&A ID 0945)

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate.
ATEmix:	Acute toxicity Estimate (Mixtures).
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average.
WGK:	German Water Hazard Class.