

SECTION 1: Identification

1.1. Identification

Product Name Polysorbate 20

1.2. Recommended use and restrictions on use

Recommended Use No information available.

1.3. Supplier

Camden-Grey Essential Oils, Inc.
5751 Halifax Ave., Unit 2
Fort Myers, FL 33912
Emergency Tel. No.: Chemtrec 1-800-262-8200 // 1- 703-741-5500

1.4. Emergency telephone number

Emergency number: Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN 797608

SECTION 2: Hazard(s) identification

Hazard Classification None
Signal Word None
Hazard Statement None
Precautionary Statement None
GHS Hazard Pictogram

SECTION 3: Composition/information on ingredients

3.1. Substance

Chemical Name	CAS Number	EC#	Concentration %
Polysorbate 20	9005-64-5	500-018-3	-

SECTION 4: First-aid measures

Routes of Exposure & Symptoms

Inhalation No information available
Ingestion No information available
Eyes No information available
Skin No information available

First Aid Response

Inhalation Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Ingestion Do NOT induce vomiting. Loosen tight clothing such as a collar, tie, belt, or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Skin After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases, and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Eye Contact Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

SECTION 5: Fire-fighting measures

Flash Point 298.40 F (148.0 °C)

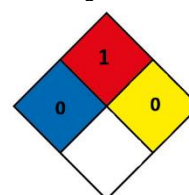
Auto Ignition Temperature

Extinguishing Media Small fire: dry chemical powder. Large fire: water spray, fog, or foam. Do NOT use water jet.

Special Precautions May be combustible at high temperatures. Slightly flammable to flammable in the presence of open flames and sparks.

Special Procedures

NFPA Labeling



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SECTION 6: Accidental release measures

Spill & Clean-up

Small spill - Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large spill • Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Empty containers pose a fire risk. evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust

7.2. Conditions for safe storage, including any incompatibilities

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place.

7.3. Compatible or Segregation

Keep away from heat and sources of ignition. Avoid contact with strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

Occupational Exposure Limit
Respiratory Protection
Ventilation

No information available.

A self-contained breathing apparatus should be used to avoid Inhalation of the product. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limits.

Protective Gloves
Eye Protection
Work/Hygienic Practices
Other Equipment

Wear gloves.
Wear safety glasses.
No information available.
Lab coat, full suit, boots.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Oily liquid
Color	Yellow
Odor	N/A
Odor Threshold	N/A
pH	5.0-7.0 (5% w/w, 25C)
Melting/Freezing Point	-2.7778C 27F
Boiling Point	100 °C 212 °F
Flash Point	N/A
Flammability	N/A
Explosive Limits	N/A
Partition Coefficient	N/A
Specific Gravity	1.1 (water=1)
Evaporation Rate	N/A
Vapor Pressure	<0.1 kPa at 20C
Vapor Density	N/A
Relative Density	N/A
Solubility In Water	Polysorbate 20 is soluble in water
% Activity	N/A
Auto Ignition Temperature	N/A
Decomposition Temperature	N/A
Viscosity	N/A

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

No information available.

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10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Keep away from heat and sources of ignition. Avoid contact with strong oxidizing agents.

10.6. Hazardous polymerization

Will not occur

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Oral LOSO (mg/kg bodyweight)	Slightly hazardous.
Dermal LOSO (mg/kg bodyweight)	No information available.
Skin	Slightly hazardous (irritant)
Eye	No information available.
Vapors (mg/l)	Slightly hazardous
Gases (ppmV)	No information available.
Dusts & Mists (mg/l)	Slightly hazardous
Carcinogenicity	No information available.

SECTION 12: Ecological information

Ecotoxicological Information	No information available.
Bioaccumulation	No information available.
Biodegradability	Possibly hazardous short term degradation products are not likely. However, long term products may arise.
Other Information	The products of degradation are more toxic.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste Disposal	Follow all Federal, State and Local regulations for non-hazardous waste disposal. Dispose in accordance with all applicable Federal, State and Local environmental regulations. Empty containers should be recycled or disposed of through an approved waste management facility. Disposal methods identified are for the product as sold. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permissible under applicable rules, regulation and/or laws governing your locations.
Spill	If the material is released into the environment, the user should determine whether the spill should be reported to the appropriate local, state and federal authorities.

SECTION 14: Transport information

US DOT	Not regulated
IATA	Not regulated
IMO / IMDG	Not regulated
Harmonization Code	3402.13.2050
Marine Pollutant	

SECTION 15: Regulatory information

U.S Federal Regulation	
TSCA Registered	No
TSCA S) SNUR	No
SARA Title III Section 313	Unknown
R&D Exemption	Unknown
Other	Unknown
Europe EU Requirement	
Europe Requirements	Unknown
International Regulations	
European EU Classification	Unknown
Australian (AICS) Listing	Unknown
Japanese (MITI) Listing	Unknown
Canadian (DSL) Listing	Unknown
Philippines (PICCS) Listing	Unknown
Korean Inventory List	Unknown
China Inventory List Other	Unknown

SECTION 16: Other information

DISCLAIMER: The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty,

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expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Camden-Grey Essential Oils, Inc.'s control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.