

Transport and Storage Data Sheet



DERMAGEL

Sheet dated 2/3/2020, version 1



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

- 1.1. Product identifier
Mixture identification
Trade name: DERMAGEL
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Hand gel no rinse.
Uses advised against:
Different uses than recommended. Do not use in combination with other products.
- 1.3. Details of the supplier
Manufacturer:
SUTTER INDUSTRIES s.p.a. - Società con Unico Socio
15060 Borghetto Borbera (AL) Italia
Tel. +39 0143 631.1
Competent person: regulatory.affairs@sutter.it
- 1.4. Emergency telephone number
+39 0143 631.1 mon-fri 9.00/17.00

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture
-  Danger, Flam. Liq. 2, Highly flammable liquid and vapour.
 -  Warning, Eye Irrit. 2, Causes serious eye irritation.

SECTION 3: Composition/information on ingredients

- 3.1 Hazardous components within the meaning of the CLP regulation and related classification:
>= 60% - < 80% ETHANOL
REACH No.: 01-2119457610-43, Index number: 603-002-00-5, CAS: 64-17-5, EC:
200-578-6
-  2.6/2 Flam. Liq. 2 H225
 -  3.3/2 Eye Irrit. 2 H319

SECTION 4: Firefighting measures

- 4.1. Extinguishing media
Suitable extinguishing media:
CO2 or Dry chemical fire extinguisher.
Extinguishing media which must not be used for safety reasons:
None in particular.
- 4.2. Special hazards arising from the substance or mixture
The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).
Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
- 4.3. Advice for firefighters
Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Transport and Storage Data Sheet

DERMAGEL

Move undamaged containers from immediate hazard area if it can be done safely.
The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

SECTION 5: Accidental release measures

- 5.1. Personal precautions, protective equipment and emergency procedures
 - For non emergency personnel:
 - Wear personal protection equipment.
 - Remove all sources of ignition.
 - Remove persons to safety.
 - For emergency responders:
 - Wear personal protection equipment.
 - 5.2. 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
 - 5.3. Methods and material for containment and cleaning up
 - Wash with plenty of water. To converge the product in containment tanks.
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SECTION 6: Handling and storage

- 6.1. Precautions for safe handling
 - Avoid contact with skin and eyes, inhalation of vapours and mists.
 - Don't use empty container before they have been cleaned.
 - Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
 - See also section 8 for recommended protective equipment.
 - Advice on general occupational hygiene:
 - Contaminated clothing should be changed before entering eating areas.
 - Do not eat or drink while working.
 - 6.2. Conditions for safe storage, including any incompatibilities
 - Store away from sunlight.
 - Store in a cool and well ventilated place.
 - Do not store in open or unlabeled containers.
 - Store away from heat sources.
 - Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
 - Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
 - Keep away from food, drink and feed.
 - Incompatible materials:
 - Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.
 - None in particular.
 - Instructions as regards storage premises:
 - Cool and adequately ventilated.
 - 6.3. Specific end use(s)
 - None in particular, see paragraph 1.2
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SECTION 7: Exposure controls/personal protection

- 7.1. Control parameters
 - Below, listed occupational exposure limits, if available, for the components listed in section 3:
 - ETHANOL - CAS: 64-17-5
 - EU - TWA(8h): 1920 mg/m³, 1000 ppm - Notes: WEL

Transport and Storage Data Sheet

DERMAGEL

ACGIH - STEL: 1000 ppm - Notes: A3 - URT irr

DNEL Exposure Limit Values

Below, listed the DNEL exposure limits, if available, for the components listed in section 3.

ETHANOL - CAS: 64-17-5

Worker Industry: 1900 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 950 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 343 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/day

PNEC Exposure Limit Values

Below, listed the PNEC exposure limits, if available, for the components listed in section 3.

ETHANOL - CAS: 64-17-5

Target: Marine water - Value: 0.79 mg/l

Target: Fresh Water - Value: 0.96 mg/l

Target: Marine water sediments - Value: 2.9 mg/kg

Target: Soil (agricultural) - Value: 0.63 mg/kg

Target: Freshwater sediments - Value: 3.6 mg/kg

SECTION 8: Physical and chemical properties

8.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Clear gel, colorless	Visual	--
Odour:	Technical	Olfactory	--
Odour threshold:	Evident	Olfactory	--
pH:	6,5 +/- 0,5	Instrumental control	--
Initial boiling point and boiling range:	>78	--	Estimated value on chemical / physical properties of components
Flash point:	13 ° C	--	Estimated value on chemical / physical properties of components
Relative density:	0.86 +/- 0.01 g/ml	Instrumental control	--
Solubility in water:	Complete	--	Estimated value on chemical / physical properties of components
Solubility in oil:	Partial	--	Estimated value on chemical / physical properties of components
Partition coefficient (n-octanol/water):	< 1000	--	Value estimated based on the solubility of the mixture.
Viscosity:	12500 +/- 2500 cP	Instrumental control	--
Explosive properties:	Not Relevant	--	Parameter not relevant for product composition.
Oxidizing properties:	Not Relevant	--	Parameter not relevant for product composition.

Transport and Storage Data Sheet DERMAGEL

SECTION 9: Transport information



- 9.1. UN number
ADR-UN Number: 1993
IATA-UN Number: 1993
IMDG-UN Number: 1993
- 9.2. UN proper shipping name
ADR-Shipping Name: FLAMMABLE LIQUID, N.O.S.(Viscous liquid containing ETHANOL)
IATA-Shipping Name: FLAMMABLE LIQUID, N.O.S.(Viscous liquid containing ETHANOL)
IMDG-Shipping Name: FLAMMABLE LIQUID, N.O.S.(Viscous liquid containing ETHANOL)
- 9.3. Transport hazard class(es)
ADR-Class: 3
ADR - Hazard identification number: -
IATA-Class: 3
IATA-Label: 3
IMDG-Class: 3
- 9.4. Packing group
ADR-Packing Group: III
IATA-Packing group: III
IMDG-Packing group: III
- 9.5. Environmental hazards
ADR-Environmental Pollutant: No
IMDG-Marine pollutant: No
- 9.6. Special precautions for user
ADR-Subsidiary hazards: -
ADR-S.P.: 274 601
ADR-Transport category (Tunnel restriction code): 3 (E)
IATA-Passenger Aircraft: 355
IATA-Subsidiary hazards: -
IATA-Cargo Aircraft: 366
IATA-S.P.: -
IATA-ERG: 3L
IMDG-EmS: F-E , S-E
IMDG-Subsidiary hazards: -
IMDG-Stowage and handling: Category A
IMDG-Segregation: -
IMDG-SP 223 274 955
- 9.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable