Version: 1.0 Draft date: Jun. 25, 2023

SAFETY DATA SHEET

SpecPed® EyesCare

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

Trade Name: SpecPed® EyesCare

REACH Registration No.: *This product is exempted from Registration as < 1t/a for each composition*

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

Relevant identified uses: Raw material for Cosmetic

Uses advised against: No data available

1.3 Details of the supplier of the safety data sheet

Manufactured By: Spec-Chem Industry Inc.
No.10 Wanshou Road (ShiLin Industrial Park)
Nanjing 211800, P.R. of China

Phone Number: 86-25-84523390, 84523391

Fax Number: 86-25-84520790, 84520791

Email: sc@specchemind.com

Only representative: SpecChem GmbH
Schiessstr. 55, 40549 Düsseldorf, Germany

Phone Number: +49 211 3020 4334

1.4 Emergency telephone number:

112 / 116117 (European Union)

1-800-424-9300/ +1 703-527-3887 (North America, CCN 1010066)

SECTION 2: *HARZARDOUS IDENTIFICATION*

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.1.2 Additional information:

No more data.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

The product does not need to be labelled in accordance with EC directives or respective national law.

2.3 Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%.

SECTION 3: *COMPOSITION/INFORMATION ON INGREDIENTS*

3.1. Substances

N.A.

3.2 Mixture

Substance name	INCI Name	CAS No.	EC No.	Index number in CLP Annex VI	Weight % content	SCL/M-factor/ATE
Glycerol	Glycerin	56-81-5	200-289-5	--	40-60	-
Hydrogen oxide	Water	7732-18-5	231-791-2	--	30-60	-
Oxirane, methyl-, polymer with oxirane, monobutyl ether	PPG-26-Buteth-26	9065-63-8	--	--	1-5	-
Castor oil, hydrogenated, ethoxylated	PEG-40 Hydrogenated Castor Oil	61788-85-0	500-147-5	--	1-5	-
DL-hexane-1,2-diol	1,2-Hexanediol	6920-22-5	230-029-6	--	0.5-1.0	Eye Irrit. 2 H319: C ⩾ 1 %
3-(2-Ethylhexyloxy)propane-1,2-diol	Ethylhexylglycerin	70445-33-9	408-080-2	--	0.1-0.5	Eye Dam. 1 H318: C ≥ 1 % Aquatic Chronic 3; H412: C ≥ 25 %
N-(2-Amino-1-hydroxy-3-methylbutylidene)tryptophan	Dipeptide-2	24587-37-9	--	--	0.01-0.015	-
Adenosine	Adenosine	58-61-7	200-389-9	--	0.01-0.015	-
Acetyl Tetrapeptide-5	Acetyl Tetrapeptide-5	820959-17-9	--	--	0.01-0.015	-
Palmitoyl tripeptide-5	Palmitoyl Tripeptide-5	623172-56-5	--	--	0.01-0.015	-
Carnosine	Carnosine	305-84-0	206-169-9	--	0.01-0.015	-
Palmitoyl tetrapeptide-7	Palmitoyl Tetrapeptide-7	221227-05-0	--	--	0.005-0.01	-

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of

dangerous area.

If inhaled

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

In case of skin contact

Wash off with soap and plenty of water. Take off contaminated clothing and wash it before reuse.

In case of eye contact

Flush eyes gently with water for at least 15 minutes while holding eyelids apart: seek immediate medical attention.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: high volume water jet.

5.2 Special Hazards arising from the substance or mixture

No data available.

5.3 Advice for Fire Fighters

Wear protective clothing to prevent contact with skin and eyes.

Wear suitable breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Protective equipment: Wear the recommended personal protective equipment. For more information, see section 8: "Exposure controls / personal protection".

Emergency procedures: Ventilate the spill area. Keep unnecessary staff away.

6.1.2 For emergency responders:

Protective equipment: Do not handle without suitable protective equipment. Provide adequate protection for cleaner. For more information, see section 8: "Exposure controls / personal protection".

Emergency procedures: Ensure well ventilated.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not empty into drains/surface water/ground water.

6.3 Methods and materials for containment and cleaning up

Remove with liquid-absorbing material (sand, peat, sawdust).

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures: Do not handle or use product until safety precautions recommended in the SDS have been read and fully understood. Avoid contact with skin and eyes, inhalation of vapors and mists.

Advice on general occupational hygiene: Wash hands and other exposed areas thoroughly after handling. Do not eat, drink or smoke while using this product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Keep container tightly closed, away from light, room temperature storage for 12 months, 2 - 8℃ storage for 24 months.

Packaging materials: Plastic barrels.

7.3 Specific end uses

no data available

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

8.1.1. National occupational / biological exposure limit values

No data available

8.1.2. Information on monitoring procedures

No data available

8.1.3. Air contaminants formed

No data available

8.1.4. DNELs / PNECs values

No data available

8.1.5. Control banding

No data available

8.2 Personal protective equipment

8.2.1. Appropriate engineering controls

Ensure the workplace is well ventilated.

8.2.2. Individual protection measures, such as personal protective equipment

Avoid unnecessary exposure.

8.2.2.1 Eye and face protection: Not needed for normal use. Anyway, operate according good working practices.

8.2.2.2 Skin protection:

Hand protection: Not needed for normal use. Anyway, operate according good working practices.

Other skin protection: Not needed for normal use.

8.2.2.3 Respiratory protection: Not needed for normal use.

8.2.2.4 Thermal hazards: No further information available

8.2.3. Environmental exposure controls

Environmental exposure controls: Avoid release to the environment.
Other Information: Do not eat, drink or smoke while using.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Clear Liquid
Colour	Colorless to light yellow
Odour	Characteristic
Melting point	No data available
Boiling point	No data available
Flammability	No data available
Lower and upper explosion limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH (100%)	4.0 - 7.0
Viscosity	No data available
Solubility	Water soluble
Partition coefficient n-octanol/water	No data available
Vapour pressure	No data available
Relative Density	No data available
Refractive index (n25)	No data available

9.2 Other Information

9.2.1. Information with regard to physical hazard classes
No info available
9.2.2. Other safety characteristics
No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No unusual reactivity

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available.

10.5 Incompatibilities materials

No data available.

10.6 Hazardous decomposition products

No hazardous decomposition products with proper storage and handling.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological Information of the Preparation

Acute toxicity

Not classified; Based on available data, the classification criteria are not met

Skin corrosion/irritation

Not classified; Based on available data, the classification criteria are not met

Serious eye damage/ irritation

Not classified; Based on available data, the classification criteria are not met

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Not classified; Based on available data, the classification criteria are not met.

Carcinogenicity

Not classified; Based on available data, the classification criteria are not met

Reproductive toxicity

Not classified; Based on available data, the classification criteria are not met

STOT-single exposure

Not classified; Based on available data, the classification criteria are not met

STOT-repeated exposure

Not classified; Based on available data, the classification criteria are not met

Aspiration hazard

Not classified; Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

Glycerin

Acute toxicity

Oral: Long-Evans rat, Swiss mouse, guinea pig, LD50: >=11,500 mg/kg.

Dermal: guinea pig, LD50: 56,750 mg/kg.

Inhalation: rat, inhalation: vapour, 4h-LC50: >275 mg/L.

Skin corrosion/irritation

In vivo skin irritation: Albino rabbit, occlusive, Duration of treatment / exposure: 24 hours. A round-robin testing program was conducted in 14 laboratories. The dermal irritation potential was examined. Glycerin was considered to be non-irritating to the skin in rabbit irritation studies in 14 testing laboratories.

Serious eye damage/ irritation

In vivo eye irritation: rabbit, Based on the results obtained from 20 different testing laboratories, glycerin was considered to be nonirritating in 19 laboratories and of questionable irritation in one laboratory.

Respiratory or skin sensitization

Skin sensitization: according to human test results, glycerol is not a skin sensitizer.

Respiratory sensitization: no respiratory sensitization symptoms were found in the 13 week

inhalation test.

Germ cell mutagenicity

Bacterial reverse mutation assay: S. typhimurium TA 1535, TA 1537, TA 98 and TA 100, negative.

Bacterial reverse mutation assay: OECD 471, S. typhimurium, other: TA 98, TA 100, TA 1535, TA 1537, TA 1538, negative.

In Vitro Mammalian Cell Gene Mutation Test: OECD 476, Chinese hamster Ovary (CHO), negative.

In vitro DNA damage and/or repair study: OECD 482, hepatocytes: rat, negative.

In Vitro Mammalian Chromosome Aberration Test: OECD 473, Chinese hamster Ovary (CHO), negative.

Carcinogenicity

Long-Evans rat, The carcinogenic potential of glycerin was examined by administrating the test material in the diet for up to two years to rats. Administration of glycerin for up to two years in the diet did not result in an increase in tumor formation. NOAEL: 8 000 mg/kg bw/day.

Reproductive toxicity

Two-generation reproductive toxicity: rat, oral: gavage, Glycerin was administered by oral gavage to groups of male and female rats through two generations. There was no effect noted on growth, fertility and reproductive performance through two generations at a dose level of ~2000 mg/kg/day. NOAEL: 2 000 mg/kg bw/day.

Developmental toxicity: OECD 414, Wistar rat, oral: gavage, A developmental toxicity study was conducted in rats. There was no effect on developmental toxicity of offspring of female rats dosed with glycerin at doses as high as 1310 mg/kg/day. NOAEL (maternal toxicity): 1 310 mg/kg bw/day, NOAEL (development toxicity): 1 310 mg/kg bw/day.

Developmental toxicity: OECD 414, CD-1 mouse, oral: gavage, A developmental toxicity study was conducted in mice. There was no effect on developmental toxicity of offspring of female mice dosed with glycerin at doses as high as 1280 mg/kg/day. NOAEL (maternal toxicity): 1 280 mg/kg bw/day, NOAEL (development toxicity): 1 280 mg/kg bw/day.

Developmental toxicity: OECD 414, Dutch rabbit, oral: gavage, A developmental toxicity study was conducted in rabbits. There was no effect on developmental toxicity of offspring of female rabbits dosed with glycerin at doses as high as 1180 mg/kg/day. NOAEL (maternal toxicity): 1 180 mg/kg bw/day, NOAEL (development toxicity): 1 180 mg/kg bw/day.

Summary of evaluation of the CMR properties

Not a CMR substance.

Specific target organ toxicity - single exposure (Globally Harmonized System)

No significant toxic effects were observed in above acute oral, dermal and inhalation tests.

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

Chronic oral toxicity (2 years): OECD 452, Long-Evans rat, oral: feed, NOAEL: 8000-10,000 mg/kg bw.

Sub-chronic oral toxicity (90 days): rat, oral: feed, NOEL: 50000 ppm.

Sub-chronic dermal toxicity: rabbit, Test material was applied to rabbit skin for 8 hours/day, 5 days/week for 45 weeks. The Draize method was used to evaluate the skin. There were no effects noted in rabbits. NOEL: 5040 mg/kg/day.
Sub-chronic inhalation toxicity (13 weeks): OECD 413, Sprague-Dawley rat, inhalation: aerosol, The NOAEL was 167 mg/m^3 based on local irritant effects on the upper respiratory tract.

Aspiration hazard

No data available

1,2-Hexanediol

Acute toxicity

Oral: OECD 401, Sprague-Dawley rat, oral: gavage, LD50 (male): 6 166 mg/kg bw, LD50 (female): >= 5 339 - <= 6 470 mg/kg bw,
Inhalation: OECD 403, Tif: RAI f (SPF) rat, inhalation: aerosol, 4h-LC50: > 7 015 mg/m³ air.
Dermal: OECD 402, Tif: RAI f (SPF) rat, occlusive, LD50: > 2 000 mg/kg bw.

Skin corrosion/irritation

In vivo skin irritation: OECD 404, Russian Albino rabbit, occlusive, non-irritant.

Serious eye damage/eye irritation

In vivo eye irritation: ASTM E 1055-85, New Zealand White rabbit, The mean score for the 24, 48 and 72 hour scoring interval for corneal opacity, iritis, conjunctivitis and chemosis were 2, 0.89, 1.78, 1.78, respectively, irritating.

Respiratory or skin sensitization

Skin sensitisation: in vivo (LLNA): OECD 429, CBA mouse, not sensitizing.

Germ cell mutagenicity

In Vitro Bacterial Reverse Mutation Assay: OECD 471, S. typhimurium TA 1535, TA 1537,
TA 1538, TA 98, TA 100 and E. coli WP2, E. coli WP2 uvr A pKM 101, negative.
In Vitro Mammalian Chromosome Aberration Test: OECD 473, Chinese hamster Ovary (CHO), negative.
In Vitro Mammalian Cell Gene Mutation Test: OECD 476, Chinese hamster lung fibroblasts (V79), negative.

Carcinogenicity

No data available

Reproductive toxicity

Two-Generation Reproduction Toxicity Study: OECD 416, CD-1 mouse, oral: feed or water, P0 (first parental generation), NOAEL: >= 14 400 mg/kg bw/day. F1 generation, NOAEL: >= 14 400 mg/kg bw/day. F2 generation, >= 14 400 mg/kg bw/day (read-across).
Prenatal Developmental Toxicity Study: OECD 414, Crj: CD(SD) rat, oral: gavage, NOAEL: 300 mg/kg bw/day (Developmental Toxicity), 500 mg/kg bw/day (General toxicity).

Specific target organ toxicity - single exposure (Globally Harmonized System)

No significant toxic effects were observed in acute oral, dermal, and inhalation tests.

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

Subchronic Dermal Toxicity: 90-Day Study, OECD 411, Sprague-Dawley rat, occlusive, NOAEL: 700 mg/kg bw/day, LOAEL: 1 000 mg/kg bw/day.

Aspiration hazard

No data available

Ethylhexylglycerin

Acute toxicity

Oral: OECD 401, Wistar rat, oral: gavage, LD50: > 2 000 mg/kg bw.

Inhalation: OECD 403, Sprague-Dawley rat, inhalation: aerosol, 4h-LC50: 2.83 -3.22 mg/L air.

Dermal: OECD 402, Wistar rat, semiocclusive, LD50: > 2 000 mg/kg bw.

Skin corrosion/irritation

In vivo skin irritation: OECD 404, New Zealand White rabbit, semiocclusive, non-irritant.

Serious eye damage/eye irritation

In vivo eye irritation: OECD 405, New Zealand White rabbit, Causes serious eye damage.

Respiratory or skin sensitization

Skin sensitisation: in vivo (non-LLNA): OECD 406, guinea pig, not sensitizing.

Skin sensitisation: in vivo (LLNA): OECD 429, Local Lymph Node Assay, CBA mouse, not sensitizing.

Germ cell mutagenicity

In Vitro Bacterial Reverse Mutation Assay: OECD 471, S. typhimurium TA 1535, TA 1537, TA 98 and TA 100, negative.

In Vitro Mammalian Cell Gene Mutation Test: OECD 476, mouse lymphoma L5178Y cells, negative.

In vivo Mammalian Erythrocyte Micronucleus Test, OECD 474, NMRI mouse, negative.

Carcinogenicity

No data available

Reproductive toxicity

One-Generation Reproduction Toxicity Study: OECD 415, Sprague-Dawley rat, oral: gavage, first parental generation P0, NOEL: 50 mg/kg bw/day.

Prenatal Developmental Toxicity Study: OECD 414, Sprague-Dawley rat, oral: gavage, maternal animals, NOAEL: > 50 - < 800 mg/kg bw/day.

Specific target organ toxicity - single exposure (Globally Harmonized System)

No significant toxic effects were observed in acute oral, dermal, and inhalation tests.

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

Short-term repeated dose oral toxicity (28 days): OECD 407, Wistar rat, oral: gavage, NOEL: 100 mg/kg bw/day.

Sub-chronic oral toxicity (90 days): OECD 408, Sprague-Dawley rat, oral: gavage, NOAEL: 50 mg/kg bw/day.

Aspiration hazard

No data available

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

11.2.2. Other information

No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

No data available for the product

List of Eco-Toxicological properties of the components

Glycerin

Short-term toxicity:

Fish: Oncorhynchus mykiss , static freshwater, 96h-LC50：54000 mg/L，
Cyprinodon variegatus, flow-through saltwater, 96h-LC50: >11000 μg/L,
Pimephales promelas, static freshwater, 96h-LC50: 885 mg/L,
Carassius auratus, static freshwater, 24h-LC50: > 5 000 mg/L.

Aquatic invertebrates: Daphnia magna, static freshwater, 48h-LC50: 1955 mg/L，
Daphnia magna, static freshwater, 24h-EC50: >10000 mg/L.

Aquatic algae and cyanobacteria: Scenedesmus quadricauda, static freshwater, 8d-EC3: >10,000 mg/L
Microcystis aeruginosa, static freshwater, 8d EC3: 2900 mg/L.

Long-term toxicity: No data available.

Toxicity to microorganisms: Pseudomonas putida, static freshwater, 16h-NOEC: >10000 mg/L.

1,2-Hexanediol

Acute toxicity:

Short-term toxicity to fish: OECD 203, Oncorhynchus mykiss, static, freshwater, 96h-LC50: > 1 000 mg/L.

Short-term toxicity to aquatic invertebrates: OECD 202, Daphnia magna, static, freshwater, 48h-EC50: > 110 mg/L, 48h-NOEC: >= 110 mg/L.

Toxicity to aquatic algae and cyanobacteria: OECD 201, Pseudokirchneriella subcapitata, static freshwater, 72h-EC50: > 100 mg/L, 72h-NOEC: >= 100 mg/L.

Toxicity to microorganisms: OECD 209, activated sludge of a predominantly domestic sewage, static freshwater, 3h-EC50: > 1 000 mg/L, 3h-NOEC: >= 1 000 mg/L.

Long-term toxicity: No data available

Ethylhexylglycerin

Acute toxicity:

Short-term toxicity to fish: OECD 203, Danio rerio, static, freshwater, 96h-LC50:60.2 mg/L, 96h-NOEC: 26 mg/L.

Short-term toxicity to aquatic invertebrates: OECD 202, Daphnia magna, static, freshwater, 48h-EC50: 78.3 mg/L, 48h-NOEC: 36 mg/L.

Toxicity to aquatic algae and cyanobacteria: OECD 201, Desmodesmus subspicatus, static freshwater, 72h-EC50 (growth rate): 84.3 mg/L, 72h-EC50 (biomass): 48.28 mg/L, 72h-NOEC: 22.17 mg/L.

Toxicity to microorganisms: OECD 209, activated sludge of a predominantly domestic

sewage, static freshwater, 3h-EC50: 560 mg/L.

Long-term toxicity:

Long-term toxicity to fish: OECD 210, Fish, Early-Life Stage Toxicity Test, Danio rerio, flow-through, freshwater, 35d-LC50 (mortality): 8.5 mg/L, 35d-NOEC (weight): 1.5 mg/L.

Long-term toxicity to aquatic invertebrates: OECD 211, Daphnia magna, semi-static, freshwater, 21d-NOEC (immobilisation): 20 mg/L, 21d-EC50 (immobilisation): 44.7 mg/L.

12.2 Persistence and degradability

Glycerin

Ready biodegradability: The biodegradation of glycerin was examined using industrial activated sludge. Glycerin was nearly completely degraded within 24 hours. The degradation (TOC removal) is 94% at 24h, readily biodegradable.

Hydrolysis: Glycerol has no hydrolysable groups and is therefore not susceptible to hydrolysis.

1,2-Hexanediol

Ready biodegradability: OECD 301B, Ready Biodegradability: CO2 Evolution Test, the degradation rate is 83.7% at 28d, readily biodegradable.

Ethylhexylglycerin

Ready biodegradability: OECD 301D, Closed Bottle Test, the degradation rate is 20.6% at 28d, not readily biodegradable.

Inherent biodegradability: OECD 302 B, Zahn-Wellens/EMPA Test, the degradation rate is 70% at 28d, Inherent biodegradable.

Hydrolysis: OECD 111, Hydrolysis as a Function of pH, hydrolytically stable based on preliminary test.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 PBT and vPvB assessment

No PBT or vPvB substances present in concentration >= 0.1%.

12.6 Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%.

12.7 Other adverse effects

No data available

SECTION 13: *DISPOSAL CONSIDERATION*

13.1 Waste treatment methods

Product

Dispose in accordance with local/ regional/national/international regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose in accordance with local/ regional/national/international regulations. Containers can

be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14: TRANSPROT INFORMATION

14.1 UN number:

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

Land transport: Not regulated
Sea transport: Not regulated
Air transport: Not regulated
Inland waterway transport: Not regulated
Rail transport: Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: REGULATORY INFORMATION

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

EU Regulations:

Authorisations and/or restrictions on use:

Authorisations: Not regulated
Restrictions on use: Not regulated

Other EU regulations:

Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline): Not regulated

National regulations:

TSCA: United States Toxic Substances Control Act (TSCA) Inventory
NZIoC: New Zealand Inventory of Chemicals (NZIoC)
PICCS: Philippines Inventory of Chemicals and Chemical Substances (PICCS)
AIIC: Australian Inventory of Industrial Chemicals (AIIC)
DSL: Canada Domestic Substances List (DSL)

NDSL: Canada Non-Domestic Substances List (NDSL)
China IECSC: Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)
KECL: Korea Existing Chemicals List (KECL)
NCI: Vietnam National Chemical Inventory (NCI)

Listing / Composition	TSCA	NZIoC	PICCS	AIIC	DSL	NDSL	China IECSC	KECL	NCI
Glycerin	X	X	X	X	X	-	X	X	X
Water	X	X	X	X	X	-	X	X	X
PPG-26-Buteth-26	X	X	X	X	X	-	X	X	X
PEG-40 Hydrogenated Castor Oil	X	X	X	X	X	-	X	X	-
1,2-Hexanediol	X	X	X	X	X	-	X	X	X
Ethylhexylglycerin	-	X	X	X	X	-	X	X	X
Dipeptide-2	-	-	-	-	-	-	-	-	-
Adenosine	X	X	X	X	X	-	X	-	X
Acetyl Tetrapeptide-5	-	-	-	-	-	-	-	-	-
Palmitoyl Tripeptide-5	-	-	-	-	-	-	-	-	-
Carnosine	X	-	X	-	-	X	X	-	X
Palmitoyl Tetrapeptide-7	-	-	-	-	-	-	-	-	-

-: Not listed; X: Listed

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier

SECTION 16: OTHER INFORMATION

Version information:

Version 1.0: Drafted in accordance with Regulation (EC) No.1907/2006 as amended by Regulation (EU) 2020/878, (EC) No.1272/2008.

Abbreviations and acronyms:

EC, effect concentration
LD, lethal dose
LC, lethal concentration
LOEL, lowest-observed-effect level
NOAEL, no-observed-adverse-effect level
NOEC, no-observed-effect-concentration-concentration
NOEL, no-observed-effect level
STOT RE, specific organ toxicity, repeated exposure
STOT SE, specific target organ toxicity, single exposure

PBT, persistent, bioaccumulative, and toxic
vPvB, very persistent, very bioaccumulative
DNELs, Derived No Effect Levels
PNECs, Predicted No Effect Concentrations
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
IMDG: International Maritime Dangerous Goods
IATA: International Air Transportation Association

Key literature references and sources for data

https://echa.europa.eu/registration-dossier/-/registered-dossier/14481
https://echa.europa.eu/registration-dossier/-/registered-dossier/11614
https://echa.europa.eu/registration-dossier/-/registered-dossier/16725

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. SPEC-CHEM IND shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

End of SDS