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

1.1. Product identifier

Product form : Mixture

Trade name : CHEMCHILL ULTRA-BRIGHT TRIPLE PLAY 1 GL

Product code : 166501

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

Use of the substance/mixture : FOLLOW LABEL DIRECTIONS

1.3. Details of the supplier of the safety data sheet

Climate Components, LLC
725 Old Norcross rd. #D
Lawrenceville, GA 30045

1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Acute Tox. 4 (Oral) H302
Skin Corr. 1A H314
Carc. 1B H350

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :

GHS05 GHS07 GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) :
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H350 - May cause cancer

Precautionary statements (GHS-US) :
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash ... thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P301 + P312 - If swallowed: Call a poison center/doctor/… if you feel unwell
P301 + P330 + P331 - If swallowed: rinse mouth. Do NOT induce vomiting
P303 + P361 + P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304 + P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305 + P351 + P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308 + P313 - If exposed or concerned: Get medical advice/attention
P310 - Immediately call a poison center/doctor/…
P321 - Specific treatment (see ... on this label)
P330 - Rinse mouth
P363 - Wash contaminated clothing before reuse
P405 - Store locked up
P501 - Dispose of contents/container to ...

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
WATER	(CAS No) 7732-18-5	50 - 70	Not classified
potassium hydroxide, 45%=<conc<50%, aqueous solutions	(CAS No) 1310-58-3	10 - 30	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314
potassiumsilicate ka/1,aqueous solution	(CAS No) 1312-76-1	10 - 30	Skin Irrit. 2, H315 Eye Irrit. 2B, H320
SURFACTANT GROUP	(CAS No) 68439-46-3	5 - 10	Acute Tox. 4 (Oral), H302
sodium xylenesulfonate	(CAS No) 1300-72-7	3.8 - 4.2	Not classified
EDTA Tetrasodium Salt	(CAS No) 64-02-8	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 Carc. 1B, H350
BENZOTRIAZOLE, SODIUM SALT	(CAS No) 15217-42-2	0.395 - 0.41	Not classified
LAVENDER FRAGRANCE	(CAS No) TRADE SECRET	< 1	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Resp. Sens. 1B, H334
sodium sulfate, anhydrous	(CAS No) 7757-82-6	0 - 0.2	Not classified
metanil yellow	(CAS No) 587-98-4	< 1	Not classified
sodium hydroxide, conc=50%, aqueous solution	(CAS No) 1310-73-2	0.000055 - 0.000515	Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401
sodium chloride	(CAS No) 7647-14-5	0 - 0.00005	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries : Causes severe skin burns and eye damage. May cause cancer.

Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Reactivity : Thermal decomposition generates : Corrosive vapors.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Safety glasses.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact during pregnancy/while nursing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash ... thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)		
USA ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³

EDTA Tetrasodium Salt (64-02-8)		
DNEL	DNEL	>=

sodium hydroxide, conc=50%, aqueous solution (1310-73-2)		
USA ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure. Gloves. Safety glasses. Corrosionproof clothing.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or face shield.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Wear appropriate mask.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Liquid.

Color : orange.

Odor : Lavender.

Odor threshold : No data available

pH	:	13.7
Relative evaporation rate (butyl acetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapor pressure	:	12.4 mm Hg
Relative vapor density at 20 °C	:	No data available
Relative density	:	1.103 g/ml @ 72F
Solubility	:	Soluble in water.
Log Pow	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Explosive limits	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Thermal decomposition generates : Corrosive vapors.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed.

potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
LD50 oral rat	273 mg/kg (Rat)

sodium sulfate, anhydrous (7757-82-6)	
LD50 oral rat	> 10000 mg/kg (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Rat; Experimental value)

SURFACTANT GROUP (68439-46-3)	
LD50 oral rat	1378 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)

LAVENDER FRAGRANCE (TRADE SECRET)	
LD50 oral rat	5533 mg/kg
LD50 dermal rabbit	4632 mg/kg

sodium chloride (7647-14-5)	
LD50 oral rat	3000 mg/kg (Rat; Experimental value; 3550 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Experimental value)

metanil yellow (587-98-4)	
LD50 oral rat	≈ 5000 mg/kg (Rat)

Skin corrosion/irritation : Causes severe skin burns and eye damage.
pH: 13.7

Serious eye damage/irritation : Not classified
pH: 13.7

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classifiedBased on available data, the classification criteria are not met

Carcinogenicity : May cause cancer.

Reproductive toxicity : Not classifiedBased on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classifiedBased on available data, the classification criteria are not met

Aspiration hazard : Not classifiedBased on available data, the classification criteria are not met

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met. Harmful if swallowed.

Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: Ecological information

12.1. Toxicity

potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
LC50 fish 1	28.6 mg/l (24 h; Pisces; Pure substance)
LC50 other aquatic organisms 1	100 - 1000 mg/l (96 h)
LC50 fish 2	80 mg/l (96 h; Gambusia affinis; Pure substance)
Threshold limit other aquatic organisms 1	100 - 1000,96 h

sodium sulfate, anhydrous (7757-82-6)	
LC50 fish 1	13500 mg/l (96 h; Pimephales promelas)
EC50 Daphnia 1	2564 mg/l (48 h; Daphnia magna)
LC50 fish 2	3040 mg/l (96 h; Lepomis macrochirus)
EC50 Daphnia 2	880 mg/l (96 h; Amphipoda)
TLM fish 1	16500 mg/l (96 h; Gambusia affinis)
TLM fish 2	13500 mg/l (96 h; Lepomis macrochirus)
Threshold limit algae 1	4 mg/l (360 h; Chlorella sp.)

EDTA Tetrasodium Salt (64-02-8)	
LC50 fish 1	> 100 mg/l (Lepomis macrochirus)
LC50 fish 2	> 100 mg/l (Pimephales promelas)

sodium hydroxide, conc=50%, aqueous solution (1310-73-2)	
LC50 fish 1	45.4 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
LC50 other aquatic organisms 1	100 mg/l (48 h; Daphnia magna; Pure substance)
LC50 fish 2	189 mg/l (48 h; Leuciscus idus)
TLM fish 1	125 ppm (96 h; Gambusia affinis; Pure substance)
TLM fish 2	99 mg/l (48 h; Lepomis macrochirus; Pure substance)
Threshold limit other aquatic organisms 1	100 mg/l (48 h; Daphnia magna; Pure substance)

sodium chloride (7647-14-5)	
LC50 fish 1	11100 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1	1000 mg/l (48 h; Daphnia magna)
LC50 fish 2	5840 mg/l (96 h; Lepomis macrochirus)
EC50 Daphnia 2	340.7 mg/l (48 h; Daphnia magna)
Threshold limit algae 1	4967 mg/l (72 h; Algae; Inhibitory)
Threshold limit algae 2	2430 mg/l (120 h; Algae)

12.2. Persistence and degradability

CHEMCHILL ULTRA-BRIGHT TRIPLE PLAY 1 GL	
Persistence and degradability	Not established.

WATER (7732-18-5)	
Persistence and degradability	Not established.

potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the components available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

potassiumsilicate ka/1,aqueous solution (1312-76-1)	
Persistence and degradability	Biodegradability in soil: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

sodium xylenesulfonate (1300-72-7)	
Persistence and degradability	Biodegradability in water: no data available.

sodium sulfate, anhydrous (7757-82-6)	
Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. No (test)data on mobility of the substance available.
ThOD	Not applicable (inorganic)

SURFACTANT GROUP (68439-46-3)	
Persistence and degradability	Readily biodegradable in water.

EDTA Tetrasodium Salt (64-02-8)	
Persistence and degradability	No test data of component(s) available. No (test)data on mobility of the components available.

LAVENDER FRAGRANCE (TRADE SECRET)	
Persistence and degradability	Not established.

sodium hydroxide, conc=50%, aqueous solution (1310-73-2)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the components available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

sodium chloride (7647-14-5)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

BENZOTRIAZOLE, SODIUM SALT (15217-42-2)	
Persistence and degradability	Not established.

metanil yellow (587-98-4)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

CHEMCHILL ULTRA-BRIGHT TRIPLE PLAY 1 GL	
Bioaccumulative potential	Not established.

WATER (7732-18-5)	
Bioaccumulative potential	Not established.

potassium hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Bioaccumulative potential	Not bioaccumulative.

potassiumsilicate ka/1,aqueous solution (1312-76-1)	
Bioaccumulative potential	No bioaccumulation data available.

sodium xylenesulfonate (1300-72-7)	
Bioaccumulative potential	No bioaccumulation data available.

sodium sulfate, anhydrous (7757-82-6)	
BCF other aquatic organisms 1	0.5

sodium sulfate, anhydrous (7757-82-6)	
Log Pow	-4.38 (Calculated; US EPA)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

SURFACTANT GROUP (68439-46-3)	
Bioaccumulative potential	No bioaccumulation data available.

EDTA Tetrasodium Salt (64-02-8)	
Bioaccumulative potential	No test data of component(s) available.

LAVENDER FRAGRANCE (TRADE SECRET)	
Bioaccumulative potential	Not established.

sodium hydroxide, conc=50%, aqueous solution (1310-73-2)	
Log Pow	-3.88 (Estimated value)
Bioaccumulative potential	Bioaccumulation: not applicable.

sodium chloride (7647-14-5)	
Log Pow	-3.0 (Calculated)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

BENZOTRIAZOLE, SODIUM SALT (15217-42-2)	
Bioaccumulative potential	Not established.

metanil yellow (587-98-4)	
Log Pow	2.3
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

sodium sulfate, anhydrous (7757-82-6)	
Surface tension	0.071 N/m (20 °C; 1.005 g/l)

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to ...

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground): UN1760, Corrosive liquids, n.o.s., 8, II

ICAO/IATA (air): UN1760, Corrosive liquid, n.o.s. (Potassium Hydroxide), 8, II

IMO/IMDG (water): UN1760, Corrosive liquid, n.o.s. (Potassium Hydroxide), 8, II

Special Provisions: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

14.2. UN proper shipping name

DOT Proper Shipping Name : Corrosive liquids, n.o.s.
(Potassium Hydroxide)

Department of Transportation (DOT) Hazard Classes : 8 - Class 8 - Corrosive material 49 CFR 173.136

Hazard labels (DOT)	:	8 - Corrosive

DOT Symbols	:	G - Identifies PSN requiring a technical name
Packing group (DOT)	:	II - Medium Danger
DOT Special Provisions (49 CFR 172.102)	:	IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	:	154
DOT Packaging Non Bulk (49 CFR 173.xxx)	:	203
DOT Packaging Bulk (49 CFR 173.xxx)	:	241

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

DOT Vessel Stowage Location	:	A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	:	40 - Stow ‘‘clear of living quarters’’

Air transport

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	60 L

SECTION 15: Regulatory information

15.1. US Federal regulations

CHEMCHILL ULTRA-BRIGHT TRIPLE PLAY 1 GL	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard

potassiumsilicate ka/1,aqueous solution (1312-76-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

EDTA Tetrasodium Salt (64-02-8)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard

LAVENDER FRAGRANCE (TRADE SECRET)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

sodium hydroxide, conc=50%, aqueous solution (1310-73-2)	
Listed on SARA Section 302 (Specific toxic chemical listings)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

BENZOTRIAZOLE, SODIUM SALT (15217-42-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

metanil yellow (587-98-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

CHEMCHILL ULTRA-BRIGHT TRIPLE PLAY 1 GL	
WHMIS Classification	Class E - Corrosive Material

LAVENDER FRAGRANCE (TRADE SECRET)
Listed on the Canadian DSL (Domestic Substances List) inventory.

sodium hydroxide, conc=50%, aqueous solution (1310-73-2)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Class E - Corrosive Material

EU-Regulations

LAVENDER FRAGRANCE (TRADE SECRET)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

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

Classification according to Directive 67/548/EEC or 1999/45/EC

C; R35

Full text of R-phrases: see section 16

15.2.2. National regulations

LAVENDER FRAGRANCE (TRADE SECRET)
Listed on Inventory of Chemicals and Chemical Substances (PICCS) Listed on KECI (Chemical Inventory of Korea) Listed on the AICS (the Australian Inventory of Chemical Substances) Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory. Listed on the Korean ECL (Existing Chemical List) inventory.

15.3. US State regulations

No additional information available

SECTION 16: Other information

Indication of changes : Revision - See : *.

Other information : None.

Full text of H-phrases: see section 16:

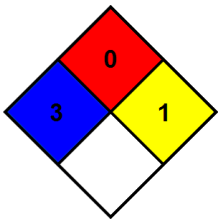
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Carc. 1B	Carcinogenicity Category 1B
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Flam. Liq. 4	Flammable liquids Category 4
Resp. Sens. 1B	Respiratory sensitisation Category 1B
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H227	Combustible liquid
H301	Toxic if swallowed
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage

H320	Causes eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H350	May cause cancer
H401	Toxic to aquatic life

NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



HMIS III Rating

Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

Flammability : 0 Minimal Hazard

Physical : 1 Slight Hazard

Personal Protection : C,X

SDS US (GHS HazCom 2012) - Technical Chemical

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.