

Nipaguard SCE

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Substance key: 000000509936

Revision Date: 06/24/2022

Version : 4 - 5 / USA

Date of printing :08/18/2022

SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Produkte (Deutschland) GmbH Frankfurt am Main, 65926 Telephone No.: +49 69 305 18000
Information of the substance/preparation:	Product Stewardship, +1-704-331-7710 e-mail: SDS.NORAM@clariant.com
Emergency tel. number:	+1 800-424-9300 CHEMTREC



Trade name:	Nipaguard SCE
Material number:	271108
Primary product use:	Raw material for cosmetics
Chemical family:	Benzoic Acid based Cosmetic Preservative

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation	: Category 2
Serious eye damage	: Category 1
Specific target organ toxicity - repeated exposure (Inhalation)	: Category 1 (Lungs)

GHS label elements

Hazard pictograms	:  
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Signal word	: Danger
Hazard statements	: H315 Causes skin irritation. H318 Causes serious eye damage. H372 Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.
Precautionary statements	: P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use.

Prevention:

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P260 Do not breathe mist or vapours.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P314 Get medical advice/ attention if you feel unwell.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Benzoic acid	65-85-0	>= 10 - < 20

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : Get medical advice/ attention if you feel unwell.

If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.

In case of skin contact : Remove contaminated clothing. Flush all affected areas with large amounts of water for at least 15 minutes. Seek medical attention immediately.

In case of eye contact : Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

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- If swallowed : If conscious, give the patient 1-2 glasses of water (8-16 oz.) and call a doctor. Never give anything by mouth to an unconscious person. Induce vomiting only at the instructions of a doctor or nurse.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2). No additional symptoms are known.
- Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray jet
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry powder
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)

Carbon dioxide (CO₂)
- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
- Special protective equipment for firefighters : Self-contained breathing apparatus
Full protective suit

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective clothing.
Ensure adequate ventilation.
Avoid contact with skin and eyes.
Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent, and place in a suitable container.
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

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SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Keep away sources of ignition.
Keep away from heat.
- Advice on safe handling : Use only with adequate ventilation and proper protective eyewear, gloves, and clothing.
- Conditions for safe storage : Keep container tightly closed in a cool, well-ventilated place.
Protect from moisture.
Keep only in the original container.
- Further information on storage conditions : Store between 55 F (12 °C) and 110 F (43 °C) to prevent freezing or product deterioration.
Keep container closed.
- Materials to avoid : Keep away from oxidizing agents.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

- Engineering measures** : A system of local and/or general exhaust is recommended where employee exposures are at or above Occupational Exposure Limits (OEL).

Personal protective equipment

- Respiratory protection : Wear NIOSH approved particulate filtering respirator rated N, R, or P95 or 100 or equivalent in the absence of proper environmental control. Type of respirator depends on level of exposure.
- Hand protection
Remarks : Butyl Rubber, PVC Or Neoprene.
- Eye protection : Chemical splash goggles with face shield.
- Skin and body protection : Impervious protective clothing and chemically resistant footwear should be worn to minimize contact.
- Protective measures : Observe the usual precautions for handling chemicals.
- Hygiene measures : Use only in well-ventilated areas.
Remove/ Take off immediately all contaminated clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Liquid
Colour	:	yellow
Odour	:	characteristic
Odour Threshold	:	Not tested
pH	:	approximately 4.5 (68 °F / 20 °C) Concentration: 1 % Method: DIN 19261 Ethanol/Water 1:1
pour point	:	< -22 °F / < -30 °C
Boiling point	:	417 °F / 214 °C Data relate to solvent
Flash point	:	approx. 289 °F / 143 °C Method: DIN EN ISO 3679 (closed cup)
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Not applicable
Self-ignition	:	Not applicable
Burning number	:	Not applicable
Upper explosion limit / upper flammability limit	:	no data available
Lower explosion limit / Lower flammability limit	:	no data available
Vapour pressure	:	0.107 hPa (68 °F / 20 °C) Data relate to solvent
Relative vapour density	:	not tested.
Relative density	:	not tested.
Density	:	approx. 1.119 g/cm ³ (68 °F / 20 °C) Method: DIN EN ISO 12185
Bulk density	:	not tested.
Solubility(ies) Water solubility	:	< 0.05 g/l slightly soluble (68 °F / 20 °C)

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Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	> 725 °F / > 385 °C Method: DIN 51794 Information refers to the main component.
Decomposition temperature	:	> 594 °F / > 312 °C Heating rate: 3 K/min Method: DSC No decomposition if used as directed.
Viscosity		
Viscosity, dynamic	:	approx. 265 mPa.s (68 °F / 20 °C) Method: Brookfield
Viscosity, kinematic	:	no data available
Explosive properties	:	no data available
Oxidizing properties	:	not oxidizing
Metal corrosion rate	:	Not applicable
Particle size	:	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Reactions with oxidising agents. Stable
Conditions to avoid	:	Strong oxidizing agents
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	When used and handled as intended, none.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Eye contact
Skin contact
Inhalation
Ingestion
Skin Absorption

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Acute toxicity**Product:**

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

Components:**Benzoic acid:**

Acute oral toxicity : LD50 (Rat, male and female): 2,565 mg/kg
Method: OECD Test Guideline 401
GLP: no

Acute inhalation toxicity : LC50 (Rat, male and female): > 12.2 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Other
GLP: no

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2,000 mg/kg
Method: Other
GLP: no
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation**Product:**

Result: Skin irritation

Components:**Benzoic acid:**

Species: Guinea pig
Exposure time: 3 h
Method: Other
Result: Irritating to skin.
GLP: No information available.

Serious eye damage/eye irritation**Product:**

Result: Risk of serious damage to eyes.

Components:**Benzoic acid:**

Species: Rabbit

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Result: Risk of serious damage to eyes.
Exposure time: 21 d
Method: Regulation (EC) No. 440/2008, Annex, B.5
GLP: yes

Respiratory or skin sensitisation**Product:**

Remarks: no data available

Components:**Benzoic acid:**

Test Type: Local lymph node assay (LLNA)
Exposure routes: Skin contact
Species: Mouse
Method: Other
Result: Not a skin sensitizer.
GLP: No information available.

Assessment: Causes skin irritation., Causes serious eye damage.

Germ cell mutagenicity**Product:**

Germ cell mutagenicity - Assessment : No information available.

Components:**Benzoic acid:**

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro
Test system: mouse lymphoma cells
Concentration: 250 - 1000 µg/ml
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 487
Result: negative
GLP: No information available.

Test Type: Ames test
Test system: Salmonella typhimurium
Concentration: 20 - 2000 µg/plate
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
GLP: No information available.

Genotoxicity in vivo : Test Type: dominant lethal test
Species: Rat (male and female)
Strain: Sprague-Dawley
Application Route: oral (gavage)
Exposure time: once daily 1- 5 d

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Dose: 50 - 500 - 5000 mg/kg
Method: OECD Test Guideline 478
Result: negative
GLP: No information available.

Germ cell mutagenicity - Assessment : In vitro tests did not show mutagenic effects, In vivo tests did not show mutagenic effects

Carcinogenicity**Product:**

Remarks: not tested.

Carcinogenicity - Assessment : No information available.

Components:**Benzoic acid:**

Species: Rat, (male and female)
Application Route: oral (feed)
Exposure time: 18 - 24 m
Dose: 1 - 2 % in diet
Group: yes
Frequency of Treatment: daily
> 1,000 mg/kg bw/day
Method: Other
Result: negative
GLP: No information available.

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity**Product:**

Effects on foetal development : Remarks: not tested.

Reproductive toxicity - Assessment : No information available.

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No information available.

Components:**Benzoic acid:**

- Effects on fertility : Test Type: Multi-generation study
Species: Rat, male and female
Application Route: oral (feed)
Dose: 0, 0,5, 1 % in diet
General Toxicity - Parent: NOAEL: 500 mg/kg body weight
General Toxicity F1: NOAEL: 500 mg/kg body weight
General Toxicity F2: NOAEL: 500 mg/kg body weight
Method: OECD Test Guideline 416
GLP: no
- Effects on foetal development : Test Type: Pre-natal
Species: Rat, female
Strain: wistar
Application Route: oral (gavage)
Dose: 1,75 - 8 - 38 - 175 mg/kg
Duration of Single Treatment: 10 d
General Toxicity Maternal: NOEL: > 175 mg/kg body weight
Teratogenicity: NOEL: > 175 mg/kg body weight
Developmental Toxicity: NOEL: > 175 mg/kg body weight
Method: OECD Test Guideline 414
GLP: no
- Reproductive toxicity - Assessment : No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

STOT - single exposure**Product:**

Remarks: no data available

Components:**Benzoic acid:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure**Product:**

Remarks: no data available

Components:**Benzoic acid:**

Exposure routes: Inhalation

Target Organs: Lungs

Assessment: Causes damage to organs through prolonged or repeated exposure.

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Repeated dose toxicity**Product:**

Remarks: not tested.

Components:**Benzoic acid:**

Species: Rat, male and female

NOAEL: 1000 mg/kg bw/day

Application Route: oral (feed)

Exposure time: 18 - 24 m

Number of exposures: daily

Dose: 1 - 2 % in diet

Group: yes

Method: Repeated dose toxicity

GLP: No information available.

Remarks: By analogy with a product of similar composition

Species: Rat, male and female

NOAEL: <= 0.025 mg/l

Application Route: Inhalation

Exposure time: 4 w

Number of exposures: 6 h/day, 5 days/week

Dose: 25 - 250 - 1200 mg/m³

Group: yes

Method: OECD Test Guideline 412

GLP: yes

Species: Rabbit, male and female

NOAEL: >= 2,500 mg/kg

Application Route: Skin contact

Exposure time: 21 d

Number of exposures: 6 h/day, 5 days/week

Dose: 100 - 500 - 2500 mg/kg

Group: yes

Method: Repeated dose toxicity

GLP: yes

Repeated dose toxicity - Assessment : Causes skin irritation., Causes serious eye damage.

Aspiration toxicity**Product:**

no data available

Components:**Benzoic acid:**

No aspiration toxicity classification

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Experience with human exposure**Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

Further information**Product:**

Remarks: no data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Toxicity to fish : LC50 (Fish): > 100 mg/l
Method: OECD Test Guideline 203
Remarks: Information refers to the main component.

Toxicity to daphnia and other :
aquatic invertebrates Remarks: no data available

Toxicity to algae/aquatic :
plants Remarks: no data available

Toxicity to microorganisms : Remarks: no data available

Components:**Benzoic acid:**

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 44.6 mg/l
End point: mortality
Exposure time: 96 h
Test Type: static test
Analytical monitoring: no
Method: Other
GLP: No information available.

NOEC (Lepomis macrochirus (Bluegill sunfish)): 10 mg/l
End point: mortality
Exposure time: 96 h
Test Type: static test
Analytical monitoring: no
Method: Other
GLP: No information available.

Toxicity to daphnia and other : LC50 (Daphnia magna (Water flea)): > 100 mg/l
aquatic invertebrates End point: mortality
Exposure time: 48 h
Test Type: static test

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Analytical monitoring: no
 Method: EPA-660/3-75-009
 GLP: No information available.

NOEC (Daphnia magna (Water flea)): 100 mg/l
 End point: mortality
 Exposure time: 48 h
 Test Type: static test
 Analytical monitoring: no
 Method: EPA-660/3-75-009
 GLP: No information available.

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 33.1 mg/l
 End point: Growth rate
 Exposure time: 72 h
 Test Type: static test
 Analytical monitoring: yes
 Method: OECD Test Guideline 201
 GLP: yes

ErC10 (Pseudokirchneriella subcapitata (green algae)): > 3.4 mg/l
 End point: Growth rate
 Exposure time: 72 h
 Test Type: static test
 Analytical monitoring: yes
 Method: OECD Test Guideline 201
 GLP: yes

Toxicity to fish (Chronic toxicity) : NOEC (Oncorhynchus mykiss (rainbow trout)): > 120 mg/l
 Exposure time: 28 d
 Test Type: semi-static test
 Method: OECD Test Guideline 204
 GLP: No information available.

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): >= 25 mg/l
 End point: Reproduction rate
 Exposure time: 21 d
 Test Type: semi-static test
 Analytical monitoring: no data available
 Method: OECD Test Guideline 211
 GLP: No information available.

Toxicity to microorganisms : IC50 (activated sludge): > 1,000 mg/l
 End point: Bacteria toxicity (respiration inhibition)
 Exposure time: 3 h
 Test Type: aquatic
 Analytical monitoring: no data available
 Method: OECD Test Guideline 209
 GLP: No information available.
 Remarks: The details of the toxic effect relate to the nominal concentration.

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Toxicity to soil dwelling organisms : Remarks: Not applicable

Persistence and degradability**Product:**

Biodegradability : Remarks: no data available

Biochemical Oxygen Demand (BOD) : Remarks: not available

Chemical Oxygen Demand (COD) : Remarks: not available

Dissolved organic carbon (DOC) : Remarks: not available

Physico-chemical removability : Remarks: not tested.

Components:**Benzoic acid:**

Biodegradability : anaerobic
Concentration: 50 mg ThIC/
Carbon dioxide (CO₂)
Result: Readily biodegradable.
Biodegradation: 89.5 %
Exposure time: 35 d
Method: OECD Test Guideline 311
GLP: No information available.

Physico-chemical removability : Remarks: Biodegradable

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: not available

Components:**Benzoic acid:**

Bioaccumulation : Species: Fish
Exposure time: 48 h
Temperature: 81 °F / 27 °C
Concentration: 0,01- 0,1 ppm
Method: Other
GLP: No information available.
Remarks: Does not bioaccumulate.

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Partition coefficient: n-octanol/water : log Pow: 1.88
Method: Other
GLP: No information available.

Mobility in soil**Product:**

Distribution among environmental compartments : Remarks: no data available

Components:**Benzoic acid:**

Distribution among environmental compartments : Adsorption/Soil
Medium: water - soil
Koc: 15.49
Method: estimated

Other adverse effects**Product:**

Environmental fate and pathways : Remarks: no data available

Results of PBT and vPvB assessment : Remarks: no data available

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

Components:**Benzoic acid:**

Environmental fate and pathways : not available

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Act : This product, if discarded as sold, is not a Federal RCRA hazardous waste.

Waste Code : NONE

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- Waste from residues : Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.
- Contaminated packaging : Regulations concerning reuse or disposal of used packaging materials must be observed.

SECTION 14. TRANSPORT INFORMATION

DOT	not restricted
IATA	not restricted
IMDG	not restricted

SECTION 15. REGULATORY INFORMATION**CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Benzoic acid	65-85-0	5000	33333

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Specific target organ toxicity (single or repeated exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Benzoic acid	65-85-0	>= 10 - < 20 %
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Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

Benzoic acid	65-85-0	>= 10 - < 20 %
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The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

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Benzoic acid

65-85-0

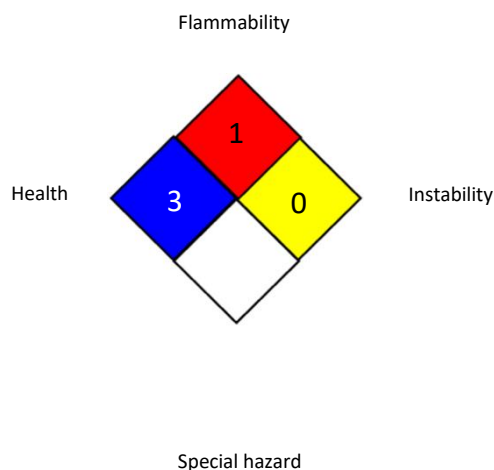
>= 10 - < 20 %

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

The components of this product are reported in the following inventories:

TSCA : This product is not listed on the TSCA Inventory. It is to be used as a cosmetic ingredient only. Any other use will subject the user to penalties under the Toxic Substances Control Act and the regulations issued thereunder.

SECTION 16. OTHER INFORMATION**Further information****NFPA 704:****Full text of other abbreviations**

AllC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -

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International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Observe national and local legal requirements
Do not breathe fumes, vapour.
Avoid contact with skin and eyes.
Wear suitable protective equipment.
Keep container closed when not in use.
For additional information, contact Product Stewardship.

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