Substance key: 000000012534	Revision Date: 09/22/2025
Version : 7 - 0 / USA	Date of printing :09/24/2025

SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Corporation 500 East Morehead Street Charlotte, NC, 28202 Telephone No.: +1 704 331 7000 **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:	**HOSTAPON SCI 85 C**
Material number:	151130
CAS number:	61789-32-0
Synonyms:	Product Has No Synonyms
Primary product use:	Raw material for cosmetics Raw material for detergents
Chemical family:	Coco fatty acid isethionate, sodium salt

SECTION 2. HAZARDS IDENTIFICATION

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

Hazards for the product as supplied

Eye irritation : Category 2A

Other hazards

No additional hazards are known except those derived from the labelling.

Hazards associated with a change in physical form:

Conditions	Hazards
If small particles are generated during further processing, handling or by other means.	May form combustible dust concentrations in air.

GHS label elements

Hazard pictograms :

Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements :

Prevention:

P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Substance name : Coco fatty acid isethionate, sodium salt

CAS-No. : 61789-32-0

Components

Chemical name	CAS No./Unique ID	Concentration (% w/w)	Trade secret
Coconut fatty acid isethionate-sodium salt	61789-32-0*	>= 80 - <= 100	TSC
Fatty acids, C8-18 and C18-unsatd.	67701-05-7*	>= 3 - <= 7	TSC

* Indicates that the identifier is a CAS No.
TSC- the actual concentration or concentration range is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Get medical advice/ attention if you feel unwell.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : Move to fresh air.
If unconscious, place in recovery position and seek medical advice.
Never give anything by mouth to an unconscious person.
Get immediate medical advice/ attention.

Give oxygen or artificial respiration if needed.

In case of skin contact : If on skin, rinse well with water.
Take off all contaminated clothing immediately.
If skin irritation occurs, seek medical advice/attention.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids,

		for at least 15 minutes. Get immediate medical advice/ attention. If easy to do, remove contact lens, if worn. Protect unharmed eye. Keep eye wide open while rinsing.
If swallowed	:	Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention.
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. The possible health hazards known are those derived from the labelling (see corresponding section) and/or provided in this section. Causes serious eye irritation.
Notes to physician	:	Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water spray jet Alcohol-resistant foam Dry powder Carbon dioxide (CO2) Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	High volume water jet
Hazardous combustion products	:	Carbon oxides Hydrocarbons Sodium oxides Sulphur oxides Sulphur compounds
Further information	:	In the event of fire and/or explosion do not breathe fumes. Do not allow run-off from fire fighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	:	Wear full protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8. Avoid breathing dust. Avoid dust formation. Wear appropriate protective equipment. If dry, sweep up or shovel up and place in appropriate waste disposal containers. If molten, collect on suitable absorbant and place in appropriate waste disposal containers. Cleanup may be accomplished by flushing with water and collecting cleaning wastes for disposal or by removal of contaminated soils for disposal.
Environmental precautions	:	The product should not be allowed to enter drains, water courses or the soil.
Methods and materials for containment and cleaning up	:	Avoid dust formation. Non-sparking tools should be used. Take measures to prevent the build up of electrostatic charge. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly. Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Keep away from heat and sources of ignition. Observe the general rules of industrial fire protection Take precautionary measures against build-up of electrostatic charges, e.g earthing during loading and off-loading operations. Dust can form an explosive mixture in air. Electrical equipment should be protected to the appropriate standard. Cool endangered containers with water spray jet.
Advice on safe handling	:	Store in cool, dry area. Avoid excessive heat. Keep away from sources of heat, sparks or open flames. Use only with adequate ventilation/personal protection. For personal protection see section 8. Avoid contact with skin, eyes and clothing. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid dust formation.

Take measures to prevent the build up of electrostatic charge.
Ensure all equipment is electrically grounded before beginning transfer operations.
Use only non-sparking tools.

Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.
Handle and open container with care.
Keep away from sources of ignition - No smoking.

Further information on storage conditions : Store in original container.
Keep container closed.

Materials to avoid : When used and handled as intended, none.

Further information on storage stability : Stable under recommended storage conditions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.

Personal protective equipment

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection
Remarks : Butyl Rubber, PVC Or Neoprene.

Eye protection : Wear safety glasses with side shields or goggles.
Do not wear contact lenses.

Skin and body protection : Wear protective clothing, including long sleeves and gloves, to prevent skin contact.

Protective measures : Observe the usual precautions for handling chemicals.
Avoid breathing dust or vapour.

Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. Use protective skin cream before handling the product. Wash hands before breaks and at the end of workday. Take off immediately all contaminated clothing and wash it before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	flakes
Colour	:	white
Odour	:	characteristic
Odour Threshold	:	not determined
pH	:	5 - 6.5 Concentration: 10 %
Melting point	:	354 - 356 °F / 179 - 180 °C
Boiling point	:	> 392 °F / > 200 °C
Flash point	:	> 212 °F / > 100 °C
Evaporation rate	:	not tested.
Flammability (solid, gas)	:	not determined May form combustible dust concentrations in air during processing, handling or other means.
Self-ignition	:	464 °F / 240 °C
Burning number	:	3 Local combustion without spreading
Upper explosion limit / upper flammability limit	:	Does not apply to solids.
Lower explosion limit / Lower flammability limit	:	Does not apply to solids.
Vapour pressure	:	< 0.001 mbar (77 °F / 25 °C)

Relative vapour density	:	not tested.
Density	:	Not applicable
Bulk density	:	0.471 - 0.574 g/cm3
Solubility(ies)		
Water solubility	:	practically insoluble (68 °F / 20 °C)
Solubility in other solvents	:	slightly soluble
Partition coefficient: n-octanol/water	:	log Pow: -0.41
Auto-ignition temperature	:	Does not apply to solids.
Decomposition temperature	:	595 °F / 313 °C
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Does not apply to solids.
Oxidizing properties	:	not oxidizing
Conductivity	:	1 µS/cm
Dust explosion class	:	St1
Metal corrosion rate	:	no data available
Particle size	:	no data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable
Possibility of hazardous reactions	:	Dust can form an explosive mixture in air.
Conditions to avoid	:	Keep away from heat and sources of ignition.
Incompatible materials	:	not known
Hazardous decomposition products	:	When handled and stored appropriately, no dangerous decomposition products are known

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin contact
Eye contact
Ingestion
Inhalation

Acute toxicity

Not classified

Product:

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 401

Components:

Coconut fatty acid isethionate-sodium salt:

Acute oral toxicity	:	LD50 (Rat, male and female): > 2,000 g/kg Method: OECD Test Guideline 401 Assessment: The substance or mixture has no acute oral toxicity
Acute inhalation toxicity	:	Remarks: no data available
Acute dermal toxicity	:	Remarks: no data available

Fatty acids, C8-18 and C18-unsatd.:

Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 401 Remarks: By analogy with a product of similar composition
Acute inhalation toxicity	:	LC50 (Rat): > 0.1624 mg/l Exposure time: 4 h Test atmosphere: vapour Assessment: The substance or mixture has no acute inhalation toxicity Remarks: By analogy with a product of similar composition
Acute dermal toxicity	:	LD50 (Rabbit): > 2,000 mg/kg Method: OECD Test Guideline 434 Assessment: The substance or mixture has no acute dermal toxicity Remarks: By analogy with a product of similar composition

Skin corrosion/irritation

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

Product:

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	No skin irritation

Components:

Coconut fatty acid isethionate-sodium salt:

Species	:	Rabbit
Exposure time	:	4 h
Method	:	OECD Test Guideline 404
Result	:	No skin irritation
GLP	:	no

Fatty acids, C8-18 and C18-unsatd.:

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	Irritating to skin.
Remarks	:	By analogy with a product of similar composition

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Species	:	rabbit eye
Result	:	irritating
Method	:	OECD Test Guideline 405

Components:

Coconut fatty acid isethionate-sodium salt:

Species	:	Rabbit
Result	:	Irritating to eyes.
Method	:	OECD Test Guideline 405
GLP	:	yes

Fatty acids, C8-18 and C18-unsatd.:

Species	:	rabbit eye
Result	:	Risk of serious damage to eyes.
Method	:	OECD Test Guideline 405
Remarks	:	By analogy with a product of similar composition

Respiratory or skin sensitisation

Skin sensitisation

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

Respiratory sensitisation

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

Product:

Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	Did not cause sensitisation on laboratory animals.

Components:

Coconut fatty acid isethionate-sodium salt:

Test Type	:	Guinea pig maximization test
Exposure routes	:	Dermal
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	Not a skin sensitizer.
GLP	:	yes
Assessment	:	Causes serious eye irritation.

Fatty acids, C8-18 and C18-unsatd.:

Remarks	:	This information is not available.
Assessment	:	Causes skin irritation., Causes serious eye damage.

Germ cell mutagenicity

Not classified

Product:

Germ cell mutagenicity - Assessment	:	Not mutagenic in Ames Test

Components:

Coconut fatty acid isethionate-sodium salt:

Genotoxicity in vitro	:	Test Type: Ames test Test system: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative GLP: yes Test Type: In vitro gene mutation study in mammalian cells Test system: mouse lymphoma cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 476 Result: negative GLP: yes Test Type: Chromosome aberration test in vitro Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 473

Result: negative
GLP: yes

Test Type: Micronucleus test
Test system: Human lymphocytes
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 487
Result: negative

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

Fatty acids, C8-18 and C18-unsatd.:

Genotoxicity in vitro : Remarks: no data available

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

Carcinogenicity

Not classified

Product:

Carcinogenicity - Assessment : No information available.

Components:

Coconut fatty acid isethionate-sodium salt:

Carcinogenicity - Assessment : No information available.

Fatty acids, C8-18 and C18-unsatd.:

Carcinogenicity - Assessment : No information available.

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

Not classified

Product:

Reproductive toxicity - Assessment : No information available.

No information available.

Components:

Coconut fatty acid isethionate-sodium salt:

Effects on fertility	:	Test Type: One generation study Species: Rat, male and female Strain: wistar Application Route: oral (gavage) Dose: 100, 300, 1000 mg/kg bw/day Duration of Single Treatment: 28 - 70 d General Toxicity - Parent: NOAEL: 1,000 mg/kg body weight Method: OECD Test Guideline 416 GLP: yes Remarks: By analogy with a product of similar composition
Effects on foetal development	:	Test Type: Pre-natal Species: Rat, female Strain: wistar Application Route: oral (gavage) Dose: 100, 300, 1000 mg/kg bw/d Duration of Single Treatment: 20 d Frequency of Treatment: 1 daily General Toxicity Maternal: NOEL: 1,000 mg/kg body weight Developmental Toxicity: NOEL: 1,000 mg/kg body weight Method: OECD Test Guideline 414 GLP: yes Remarks: By analogy with a product of similar composition
Reproductive toxicity - Assessment	:	No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

Fatty acids, C8-18 and C18-unsatd.:

Effects on fertility	:	Remarks: This information is not available.
Effects on foetal development	:	Remarks: This information is not available.
Reproductive toxicity - Assessment	:	No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

STOT - single exposure

Not classified

Components:

Coconut fatty acid isethionate-sodium salt:

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

Fatty acids, C8-18 and C18-unsatd.:

Remarks : no data available

STOT - repeated exposure

Not classified

Components:

Coconut fatty acid isethionate-sodium salt:

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

Fatty acids, C8-18 and C18-unsatd.:

Remarks : no data available

Repeated dose toxicity

Components:

Coconut fatty acid isethionate-sodium salt:

Species	:	Rat, male and female
NOAEL	:	426 mg/kg bw/day
Application Route	:	oral (gavage)
Exposure time	:	91 - 92 d
Number of exposures	:	daily
Dose	:	50 ,200 ,1000 mg/kg bw
Control Group	:	yes
Method	:	OECD Test Guideline 408
GLP	:	yes
Remarks	:	By analogy with a product of similar composition

Species	:	Rat, male and female
NOAEL	:	> 2070 mg/kg bw/day
Application Route	:	Dermal
Exposure time	:	6 hours
Number of exposures	:	once per day for 28 days
Dose	:	0, 0,08, 0,91, 2,07 g/kg
Control Group	:	yes
Method	:	OECD Test Guideline 410
GLP	:	yes
Remarks	:	By analogy with a product of similar composition

Species	:	Rat, male and female
NOEL	:	>= 1000 mg/kg bw/day
Application Route	:	oral (feed)
Exposure time	:	28 d
Number of exposures	:	daily
Method	:	OECD Test Guideline 407

Repeated dose toxicity - Assessment : Causes serious eye irritation.

Fatty acids, C8-18 and C18-unsatd.:

Remarks : This information is not available.

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

Aspiration toxicity

Not classified

Components:

Coconut fatty acid isethionate-sodium salt:

no data available

Fatty acids, C8-18 and C18-unsatd.:

No aspiration toxicity classification

Experience with human exposure

Product:

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

Further information

Product:

Remarks : There is no data available for this product.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 10 - 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 30 mg/l
Exposure time: 48 h
Method: DIN 38412 T.11

Toxicity to algae/aquatic plants : EC10 (Pseudokirchneriella subcapitata (algae)): 0.3 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Toxicity to microorganisms : EC50: > 1,000 mg/l
Method: OECD Test Guideline 209

Components:

Coconut fatty acid isethionate-sodium salt:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): > 9.9 mg/l End point: mortality Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guideline 203 GLP: yes Remarks: The values mentioned are those of the active ingredient.
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 48 mg/l End point: Immobilization Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 GLP: yes Remarks: By analogy with a product of similar composition
Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (green algae)): 4.8 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 201 GLP: yes NOEC (Pseudokirchneriella subcapitata (green algae)): 0.31 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)	:	Remarks: no data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	Remarks: no data available
Toxicity to microorganisms	:	EC50 (activated sludge): > 687 mg/l End point: Bacteria toxicity (respiration inhibition) Exposure time: 3 h Test Type: static test Method: OECD Test Guideline 209 GLP: no Remarks: The values mentioned are those of the active ingredient.

Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Fatty acids, C8-18 and C18-unsatd.:

Toxicity to fish : LC50 (Oryzias latipes (Orange-red killifish)): 5 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
Remarks: By analogy with a product of similar composition

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3.6 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
Remarks: By analogy with a product of similar composition

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): > 7.6 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: By analogy with a product of similar composition

Toxicity to fish (Chronic toxicity) : NOEC (Danio rerio (zebra fish)): 2 mg/l
End point: mortality
Exposure time: 28 d
Remarks: By analogy with a product of similar composition

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: no data available

Toxicity to microorganisms : Remarks: no data available

Persistence and degradability

Product:

Biodegradability : Biodegradation: > 80 %
Exposure time: 28 d
Method: OECD Test Guideline 301E

Components:

Coconut fatty acid isethionate-sodium salt:

Biodegradability : aerobic
Inoculum: activated sludge
Concentration: 2 mg/l
Biochemical Oxygen Demand (BOD)
Result: Readily biodegradable.
Biodegradation: 78 %

Exposure time: 28 d
Method: OECD Test Guideline 301D
GLP: yes

Fatty acids, C8-18 and C18-unsatd.:

Biodegradability : aerobic
Result: Readily biodegradable.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: Due to the low logPow bioaccumulation is not expected

Components:

Coconut fatty acid isethionate-sodium salt:

Partition coefficient: n-octanol/water : log Pow: -0.41 (68 °F / 20 °C)
pH: 7
Method: Other
GLP: no

Fatty acids, C8-18 and C18-unsatd.:

Bioaccumulation : Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

Mobility in soil

Components:

Coconut fatty acid isethionate-sodium salt:

Distribution among environmental compartments : adsorption
Medium: water - soil
Koc: 1451, log Koc: 3.2
Method: OECD Test Guideline 106
Remarks: By analogy with a product of similar composition

Fatty acids, C8-18 and C18-unsatd.:

Distribution among environmental compartments : Remarks: no data available

Other adverse effects

Product:

Environmental fate and pathways : Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

Results of PBT and vPvB assessment : Remarks: The substance does not meet the criteria for PBT or vPvB substance.

Components:

Fatty acids, C8-18 and C18-unsatd.:

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 Authorization Act : This product, if discarded as sold, is not a Federal RCRA hazardous waste.

Waste Code : NONE

Waste from residues : Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14. TRANSPORT INFORMATION

DOT not restricted

IATA not restricted

IMDG not restricted

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

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 : 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).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.
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

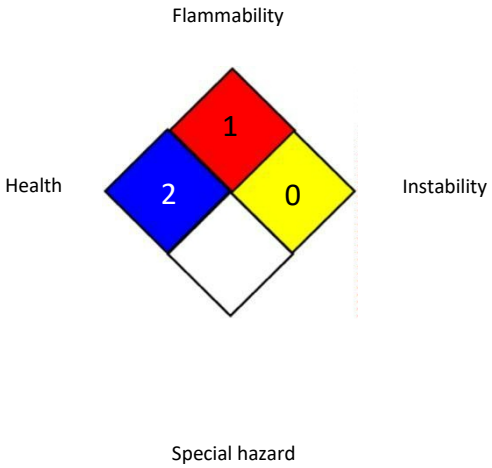
The components of this product are reported in the following inventories:

TSCA	:	All components are compliant with the TSCA Inventory Notification (Active) rule., All components of this product are listed on the TSCA Inventory. However, the primary use of this product is NOT subject to TSCA but rather to FDA and must comply with the FDA regulations.
DSL	:	All components of this product are on the Canadian DSL

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



Full text of other abbreviations

AIIC - 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 Harmonised 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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 - Organisation 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 all necessary precautions for handling fine powders to control dust. May present dust explosion hazard. Reference exposure limit: ACGIH (TLV) for particulate matter - 10 mg/m3 inhalable particulates, 3 mg/m3 respirable particulates. OSHA Permissible Limit (PEL) for particulate matter: total dust: 15 mg/m3; respirable fraction: 5 mg/m3
For additional information, contact Product Stewardship.
Observe national and local legal requirements
Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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