

HOSTAPON SCI 85 P

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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:

BU Care Chemicals
Product Stewardship, +1-704-331-7710
e-mail: SDS.NORAM@clariant.com

Emergency tel. number: +1 800-424-9300 CHEMTREC**Trade name:**

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Material number:

165433

CAS number:

61789-32-0

Synonyms:

Product Has No Synonyms

Primary product use:

Surface active agent 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)

Combustible dust

Eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : May form combustible dust concentrations in air.
H319 Causes serious eye irritation.Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.
P210 Keep away from heat, hot surfaces, sparks, open flames

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and other ignition sources. No smoking.
P243 Take precautionary measures against static discharge.
P233 Keep container tightly closed.

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.

Other hazards

None known.

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.	Concentration (% w/w)
Coconut fatty acid isethionate-sodium salt	61789-32-0	>= 90 - <= 100

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : Get medical advice/ attention if you feel unwell.
Remove/ Take off immediately all contaminated clothing.

If inhaled : If inhaled, remove to fresh air.
Get medical advice/ attention.

In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Consult a physician.

If swallowed : If swallowed do not induce vomiting, seek medical advice and show safety datasheet or label

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.

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Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry powder
Water mist

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : Some risk may be expected of corrosive and toxic decomposition products.
Fine particles < 500 µm are potentially dust-explosive.

Emits toxic and corrosive fumes under fire conditions.

Observe all necessary precautions for handling powders as fine powder. May present dust explosion hazard.
Electrical grounding of equipment is required.

Further information : Apply alcohol-type or all purpose-type foams by manufacturers' recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires. Do not direct a solid stream of water or foam into hot burning pools; this may cause frothing and increase fire intensity. Use self-contained breathing apparatus and protective equipment.

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 equipment.
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 : Containers in which spilt substance has been collected must be adequately labelled

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Avoid dust formation.
Take measures to prevent the build up of electrostatic charge.
Risk of dust explosion.
Soak up with inert absorbent material.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded.
Risk of dust explosion.
- Advice on safe handling : Store in cool, dry area. Avoid excessive heat. Keep away from sources of heat, sparks or open flames.
Avoid dust formation. Keep away from sources of ignition.
Lead off electrostatic charges.
- Conditions for safe storage : Keep container tightly closed in a cool, well-ventilated place.
Keep only in the original container.
- Further information on storage conditions : Store in original container.
Keep container closed.

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 : If dusty conditions exist, use NIOSH approved respirator with high efficiency (p-100) filter media.
- Hand protection
Remarks : Wear protective gloves. PVC Nitrile rubber Neoprene gloves
- Eye protection : Depending on the risk, wear sufficient eye protection (safety glasses with side protection or goggles, and if necessary, face shield.)
- Skin and body protection : Wear suitable protective equipment.
- Protective measures : Observe the usual precautions for handling chemicals.
Do not breathe dust.
Handle in accordance with good industrial hygiene and safety practice.

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Hygiene measures : Do not eat, drink or smoke when using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : fine powder

Colour : white

Odour : No information available.

Odour Threshold : no data available

pH : 5.0 - 6.5
Concentration: 10 %

Melting point : 356 °F / 180 °C

Boiling point : not determined

Flash point : Not applicable

Evaporation rate : no data available

Flammability (solid, gas) : not determined

Self-ignition : The substance or mixture is not classified as self heating.

Burning number : 5
Method: VDI 2263-1
Complete combustion with flames

Upper explosion limit / upper flammability limit : not tested.

Lower explosion limit / Lower flammability limit : not tested.

Vapour pressure : not tested.

Relative vapour density : Not applicable

Relative density : no data available

Density : Not applicable

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Bulk density	:	0.614 - 0.638 g/cm ³
Solubility(ies) Water solubility	:	soluble
Partition coefficient: n- octanol/water	:	log Pow: -0.41
Auto-ignition temperature	:	284 °F / 140 °C Method: VDI 2263 "Dust fires and explosions; Danger, Evaluation, Protection measures"
Decomposition temperature	:	608 °F / 320 °C Decomposition energy (mass): 120 kJ/kg Method: DSC Exothermic reaction
Viscosity Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Molecular weight	:	no data available
Dust explosion class	:	St1
Metal corrosion rate	:	Not applicable
Minimum ignition energy	:	10 - 30 mJ Method: DIN EN ISO 80079-20-2
Particle size	:	no data available
Particle Size Distribution	:	D50 = 13 µm Measurement method: ISO 13320

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable
Possibility of hazardous reactions	:	Hazardous polymerisation does not occur. The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions.
Conditions to avoid	:	Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

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Incompatible materials : not known

Hazardous decomposition products : No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**Eye contact
Skin contact
Inhalation**Acute toxicity****Product:**Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

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

Skin corrosion/irritation**Product:**Species: Rabbit
Assessment: Mild skin irritation
Method: OECD Test Guideline 404
Result: Mild 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

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Serious eye damage/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

Respiratory or skin sensitisation**Product:**

Species: Guinea pig

Method: OECD Test Guideline 406

Result: non-sensitizing

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.

Germ cell mutagenicity**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

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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

Carcinogenicity**Product:**

Carcinogenicity - Assessment : No information available.

Components:**Coconut fatty acid isethionate-sodium salt:**

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**Product:**

Reproductive toxicity - : No information available.

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Assessment

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.

STOT - single exposure**Product:**

Remarks: not tested.

Components:**Coconut fatty acid isethionate-sodium salt:**

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

STOT - repeated exposure**Product:**

Remarks: not tested.

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Components:**Coconut fatty acid isethionate-sodium salt:**

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

Repeated dose toxicity**Product:**

Remarks: not tested.

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

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

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 - : Causes serious eye irritation.
Assessment

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Aspiration toxicity**Components:****Coconut fatty acid isethionate-sodium salt:**

no data available

Experience with human exposure**Product:**

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

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

- Toxicity to fish : LC50: 10 - 100 mg/l
Exposure time: 96 h
Test Type: static test
GLP: no
- LC50 (Danio rerio (zebra fish)): 33 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 30 mg/l
Exposure time: 48 h
Method: DIN 38412 T.11
GLP: no
- Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 4.8 mg/l
End point: Growth rate
Exposure time: 72 h
Method: OECD Test Guideline 201
- EC10 (Pseudokirchneriella subcapitata (algae)): 0.3 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
- Toxicity to microorganisms : EC50 (activated sludge of a predominantly domestic sewage): > 1,000 mg/l
Exposure time: 3 h

Components:**Coconut fatty acid isethionate-sodium salt:**

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- 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.

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Ecotoxicology Assessment

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

Persistence and degradability**Product:**

Biodegradability : Test Type: aerobic
Concentration: 30 mg/l
Biodegradation: 94.1 %
Exposure time: 28 d
Method: OECD Test Guideline 301E
Remarks: Readily biodegradable, according to appropriate OECD test.

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

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

Mobility in soil**Product:**Distribution among
environmental compartments : Remarks: not tested.

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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

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.

Additional ecological information : no data available

Components:**Coconut fatty acid isethionate-sodium salt:**

Results of PBT and vPvB assessment : The substance is not identified as a PBT or as a vPvB substance.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Act
Waste Code : This product, if discarded as sold, is not a Federal RCRA hazardous waste.
: NONE

Waste from residues : Must be incinerated in a suitable incineration plant holding a permit delivered by 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

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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 : Combustible dust
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 SOCM I 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 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., All components are compliant with the TSCA Inventory Notification (Active) rule.

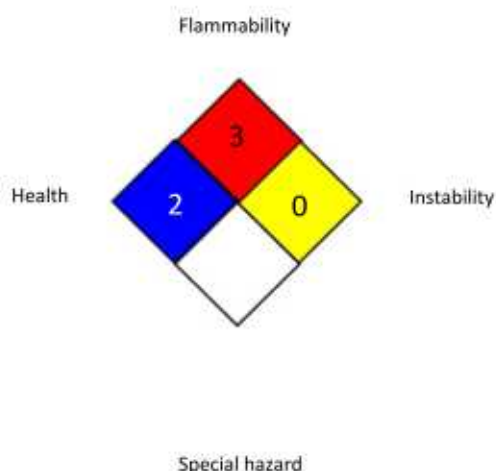
SECTION 16. OTHER INFORMATION**Further information**

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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 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 - 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-

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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

Store in a dry area. Prevent the accumulation of dust. Electrical grounding of equipment is required when handling powder to prevent possible dust explosion. Observe all necessary precautions for handling fine powders as this product has a "strong" dust explosion severity hazard rating. It is 1.2 times as explosive as Pittsburgh coal dust.

Observe national and local legal requirements

Sources of key data used to compile the Safety Data Sheet : EN Safety Data Sheet by Clariant group company, KOSHA chemical regulation information ,ECHA(European Chemical Agency)

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