

# SAFETY DATA SHEET

**LQ ABS 5600 001.000% WHITE LC**

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Substance key: 000000669201

Revision Date: 04/01/2017

Version : 1 - 0 / USA

Date of printing :05/09/2019

## SECTION 1. IDENTIFICATION

**Identification of the company:**

MB, West Chicago  
4000 Monroe Road  
Charlotte, NC, 28205  
Telephone No.: +1 704-331-7000

**Information of the substance/preparation:**

BU Masterbatches  
Product Stewardship +1-704-331-7710

**Emergency tel. number:** +1 800-424-9300(CHEMTREC)

**Trade name:** LQ ABS 5600 001.000% WHITE LC

**Material number:** FZ03687370

**Synonyms:** OM03687370

**Chemical family:** Colourant preparation

**Primary product use:** Additive for plastic material processing

## SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with 29 CFR 1910.1200**

Specific target organ toxicity : Category 2 (Lungs)  
- repeated exposure

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H373 May cause damage to organs ( ) through prolonged or repeated exposure.

Precautionary statements : **Response:**  
P314 Get medical advice/ attention if you feel unwell.

**Other hazards**

Hazards Not Otherwise Classified:  
No particular hazards known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Colourant preparation

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**Hazardous components**

Chemical name	CAS-No.	Concentration (% w/w)
Zinc distearate	557-05-1	1 - 2.5
Aluminium oxide	1344-28-1	1 - 2.5
C.I. Pigment White 6	13463-67-7	60 - 80

Any concentration shown as a range is due to batch variation.

**SECTION 4. FIRST AID MEASURES**

- General advice : Ensure that the First Aid Personnel are aware of the product involved, and take precautions to protect themselves (e.g. wear personal protection equipment).  
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 and shoes.  
Wash off immediately with plenty of water for at least 15 minutes.  
Wash off with soap and water.  
Get medical attention if irritation develops and persists.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention immediately if irritation develops and persists.
- If swallowed : Rinse mouth.  
Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.  
Get medical advice/ 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.
- Notes to physician : Aspiration hazard if swallowed - can enter lungs and cause damage.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

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- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Metal oxides  
Carbon oxides
- Further information : Combustible material  
In the event of fire and/or explosion do not breathe fumes.  
During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion  
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 an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.  
Avoid contact with skin, eyes and clothing.  
Wash thoroughly after handling.
- Environmental precautions : Do not allow contact with soil, surface or ground water.  
Prevent product from entering drains.
- Methods and materials for containment and cleaning up : Prevent product from entering drains.  
Non-sparking tools should be used.  
Take measures to prevent the build up of electrostatic charge.  
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Clean contaminated surface thoroughly.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge.
- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.  
Use only with adequate ventilation/personal protection.  
For personal protection see section 8.  
Avoid contact with skin, eyes and clothing.  
Use only with adequate ventilation.

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Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
 Keep away from heat, sparks and open flames. Store in proper container and keep container closed when not in use.

Conditions for safe storage : Keep container tightly closed in a cool, well-ventilated place.  
 Protect from moisture.  
 Keep away from direct sunlight.

Technical measures/Precautions : Store in a cool, dry, well-ventilated area. Keep container sealed when not in use.  
 Store away from flammable or combustible materials.  
 Keep in an area equipped with sprinklers.  
 Keep from freezing.

Materials to avoid : not required

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Zinc distearate	557-05-1	TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total)	10 mg/m3	OSHA P0
		TWA (Respirable fraction)	5 mg/m3	OSHA P0
		TWA	10 mg/m3	ACGIH
Further information: Upper Respiratory Tract irritation, Eye irritation, Skin irritation, Adopted values or notations enclosed are those for which changes are proposed in the NIC, See Notice of Intended Changes (NIC), Does not include stearates of toxic metals., Not classifiable as a human carcinogen, varies				
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		PEL	10 mg/m3	CAL PEL
Aluminium oxide	1344-28-1	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA	5 mg/m3	OSHA Z-1

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		(respirable fraction)		
		TWA (Total)	10 mg/m3	OSHA P0
		TWA (Respirable fraction)	5 mg/m3	OSHA P0
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		TWA (Respirable fraction)	1 mg/m3	ACGIH
	Further information: Lower Respiratory Tract irritation, Pneumoconiosis, Neurotoxicity, Not classifiable as a human carcinogen, varies			
		TWA (Respirable fraction)	1 mg/m3 (Aluminium)	ACGIH
	Further information: Lower Respiratory Tract irritation, Pneumoconiosis, Neurotoxicity, Not classifiable as a human carcinogen, varies			
		PEL (Total dust)	10 mg/m3	CAL PEL
		PEL (respirable dust fraction)	5 mg/m3	CAL PEL
	Further information: The concentration and percentage of the particulate used for this limit are determined from the fraction passing a size selector with the following characteristics: Aerodynamic Diameter in Micrometers (unit density sphere)..... Percent Passing Selector 0 ..... 100 1 ..... 97 2 ..... 91 3 ..... 74 4 ..... 50 5 ..... 30 6 ..... 17 7 ..... 9 8 ..... 5 10 ..... 1			
C.I. Pigment White 6	13463-67-7	TWA	10 mg/m3	ACGIH
	Further information: Lower Respiratory Tract irritation, Not classifiable as a human carcinogen			
		TWA (total	15 mg/m3	OSHA Z-1

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	dust)			
	TWA (Total)	10 mg/m3		OSHA P0
	TWA (total dust)	15 mg/m3		OSHA Z-1
	TWA (Total dust)	10 mg/m3		OSHA P0
	PEL (Total dust)	10 mg/m3 (Titanium)		CAL PEL
	PEL (respirable dust fraction)	5 mg/m3 (Titanium)		CAL PEL
<p>Further information: The concentration and percentage of the particulate used for this limit are determined from the fraction passing a size selector with the following characteristics:</p> <p>Aerodynamic Diameter in Micrometers (unit density sphere)..... Percent Passing Selector 0</p> <p>..... 100 1</p> <p>..... 97 2</p> <p>..... 91 3</p> <p>..... 74 4</p> <p>..... 50 5</p> <p>..... 30 6</p> <p>..... 17 7</p> <p>..... 9 8</p> <p>..... 5 10</p> <p>..... 1</p>				

**Engineering measures** : Use engineering controls such as local or general exhaust to maintain airborne concentrations below exposure limits.

**Personal protective equipment**

Respiratory protection : Respiratory protection is not required under normal use. Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust, mist, or spray mist may be generated.

Hand protection  
Remarks : Nitrile rubber gloves.

Eye protection : Safety glasses with side-shields

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

Hygiene measures : The usual Industrial Hygiene precautions must be taken during work, in particular: do not drink, eat or smoke during the handling of the product and clean hands and face during work intervals and after work.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance	: Liquid
Colour	: white
Odour	: characteristic
Odour Threshold	: Not applicable
pH	: not tested.
Melting point	: Not applicable
Boiling point	: not determined
Flash point	: not tested.
Evaporation rate	: not tested.
Flammability (solid, gas)	: Not applicable
Self-ignition	: not tested.
Upper explosion limit	: not tested.
Lower explosion limit	: not tested.
Vapour pressure	: not tested.
Relative vapour density	: Not applicable
Relative density	: not available
Density	: not tested.
Solubility(ies) Water solubility	: not determined
Partition coefficient: n-octanol/water	: This property is not applicable for mixtures.
Decomposition temperature	: To the best of our current knowledge, no thermal decomposition of the product is expected if it is processed according to good manufacturing practices. See section 10.4. "Conditions to avoid"
Viscosity Viscosity, dynamic	: not tested.
Viscosity, kinematic	: not tested.
Explosive properties	: no data available no data available

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Oxidizing properties : not available

Surface tension : not tested.

Particle size : Product specific

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid : Keep away from heat, sparks, open flames, and other sources of ignition.

Incompatible materials : Peroxides  
Strong acids and oxidizing agents  
Strong acids and strong bases  
Strong oxidizing agents

Hazardous decomposition products : No decomposition if used as directed.

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

Inhalation

Eye contact

Skin contact

**Acute toxicity****Product:**

Acute dermal toxicity : Acute toxicity estimate: 3,571 mg/kg  
Method: Calculation method

**Components:****C.I. Pigment White 6:**

Acute oral toxicity : LD50 (Rat, female): > 5,000 mg/kg  
Method: OECD Test Guideline 425  
GLP: no

Acute inhalation toxicity : LC50 (Rat, male and female): 3.4 - 5.1 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403  
GLP: no

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Acute dermal toxicity : Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: Not applicable

**Skin corrosion/irritation****Product:**

Result: No skin irritation

**Components:****C.I. Pigment White 6:**

Species: Rabbit

Exposure time: 4 h

Method: OECD Test Guideline 404

Result: No skin irritation

GLP: no

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

Result: No eye irritation

**Components:****C.I. Pigment White 6:**

Species: rabbit eye

Result: non-irritant

Method: OECD Test Guideline 405

GLP: No information available.

**Respiratory or skin sensitisation****Product:**

Result: non-sensitizing

**Components:****C.I. Pigment White 6:**

Test Type: Mouse local lymphnode assay

Exposure routes: Skin contact

Species: Mouse

Method: OECD Test Guideline 429

Result: non-sensitizing

GLP: No information available.

Test Type: Buehler Test

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: non-sensitizing

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GLP: yes

Test Type: Respiratory system

Exposure routes: inhalation (dust/mist/fume)

Species: Mouse

Method: Other

Result: Does not cause respiratory sensitisation.

GLP: No information available.

**Germ cell mutagenicity****Components:****C.I. Pigment White 6:**

- Genotoxicity in vitro
- : Test Type: Ames test
  - Species: Salmonella typhimurium
  - Concentration: 333 - 5000 µg/plate
  - Metabolic activation: with and without metabolic activation
  - Method: OECD Test Guideline 471
  - Result: negative
  - GLP: yes
- Genotoxicity in vivo
- : Test Type: Ames test
  - Species: Escherichia coli
  - Concentration: 333 - 5000 µg/plate
  - Metabolic activation: with and without metabolic activation
  - Method: OECD Test Guideline 471
  - Result: negative
  - GLP: yes
- Genotoxicity in vivo
- : Test Type: Micronucleus test
  - Species: Mouse (male and female)
  - Strain: ICR
  - Cell type: Erythrocytes
  - Application Route: oral (gavage)
  - Exposure time: single treatment
  - Dose: 500 - 1000 - 2000 mg/kg
  - Method: OECD Test Guideline 474
  - Result: negative
  - GLP: yes

- Germ cell mutagenicity - Assessment
- : It is concluded that the product is not mutagenic based on evaluation of several mutagenicity tests.

**Carcinogenicity****Components:****C.I. Pigment White 6:**

- Carcinogenicity - Assessment
- : Not classifiable as a human carcinogen.

**IARC**

Listed

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**OSHA**

Listed

**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****Components:****C.I. Pigment White 6:**

Effects on fertility : Remarks: The study is not necessary from a scientific perspective.

Effects on foetal development : Remarks: The study is not necessary from a scientific perspective.

Reproductive toxicity - Assessment : No reproductive toxicity to be expected.  
No teratogenic effects to be expected.

**STOT - single exposure****Components:****C.I. Pigment White 6:**

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

**STOT - repeated exposure****Components:****C.I. Pigment White 6:**

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

**Repeated dose toxicity****Components:****C.I. Pigment White 6:**

Species: Rat, male  
NOAEL: 24,000 mg/kg  
Application Route: oral (gavage)  
Exposure time: 29 d  
Number of exposures: daily  
Dose: 24000 mg/kg  
Group: yes  
Method: OECD Test Guideline 407  
GLP: No information available.

Species: Rat, male and female  
NOAEL: 0.01 mg/l  
Application Route: Inhalation

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Exposure time: 2 a  
Number of exposures: 6 hours/day, 5 days/week  
Dose: 0,0106 - 0,0507 - 0,250 mg/l  
Group: yes  
Method: Repeated Dose Toxicity (chronic Toxicity)  
GLP: no

Application Route: Skin contact

Remarks: The study is not necessary from a scientific perspective.

**Aspiration toxicity****Components:****C.I. Pigment White 6:**

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****Components:****C.I. Pigment White 6:**

Remarks: Lung damage possible.

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

Toxicity to fish :  
Remarks: no data available

**Components:****C.I. Pigment White 6:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l  
Exposure time: 96 h  
Test Type: static test  
Analytical monitoring: no  
Method: EPA  
GLP: yes  
Remarks: The details of the toxic effect relate to the nominal concentration.  
  
LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h

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Test Type: static test  
Analytical monitoring: no  
Method: OECD Test Guideline 203  
GLP: No information available.  
Remarks: The details of the toxic effect relate to the nominal concentration.

LC50 (Cyprinodon variegatus (sheepshead minnow)): > 10,000 mg/l

Exposure time: 96 h  
Test Type: semi-static test  
Analytical monitoring: no data available  
Method: OECD Test Guideline 203  
GLP: yes  
Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Test Type: static test  
Analytical monitoring: no data available  
Method: OECD Test Guideline 202  
GLP: no data available  
Remarks: The details of the toxic effect relate to the nominal concentration.

LC50 (Acartia tonsa): > 10,000 mg/l  
Exposure time: 48 h  
Analytical monitoring: no data available  
Method: ISO 14669 and PARCOM method  
GLP: yes  
Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (microalgae)): 61 mg/l  
End point: Growth rate  
Exposure time: 72 h  
Test Type: static test  
Analytical monitoring: no  
Method: EPA  
GLP: No information available.  
Remarks: The details of the toxic effect relate to the nominal concentration.

EC50 (Skeletonema costatum (marine diatom)): > 10,000 mg/l  
End point: Growth rate  
Exposure time: 72 h  
Analytical monitoring: no data available  
Method: ISO 10253  
GLP: yes  
Remarks: The details of the toxic effect relate to the nominal concentration.

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- Toxicity to fish (Chronic toxicity) : LC50 (Oncorhynchus mykiss (rainbow trout)): 7.31 mg/l  
Exposure time: 28 d  
Test Type: static test  
Analytical monitoring: yes  
Method: Other  
GLP: No information available.  
Remarks: By analogy with a product of similar composition
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: Not applicable
- Toxicity to microorganisms : EC50 (activated sludge of a predominantly domestic sewage): > 1,000 mg/l  
End point: Bacteria toxicity (respiration inhibition)  
Exposure time: 3 h  
Test Type: aquatic  
Method: OECD Test Guideline 209  
GLP: yes  
Remarks: The details of the toxic effect relate to the nominal concentration.
- NOEC (activated sludge of a predominantly domestic sewage):  $\geq 1,000$  mg/l  
End point: Bacteria toxicity (respiration inhibition)  
Exposure time: 3 h  
Test Type: aquatic  
Method: OECD Test Guideline 209  
GLP: yes  
Remarks: The details of the toxic effect relate to the nominal concentration.
- Toxicity to soil dwelling organisms : Test Type: artificial soil  
NOEC (Folsomia candida): 0,1  $\rightarrow \geq 10$  %  
Exposure time: 28 d  
End point: mortality  
Method: ISO 11267  
GLP: no  
Remarks: By analogy with a product of similar composition  
This product does not have any known adverse effect on the soil organisms tested.
- Plant toxicity : NOEC (Lactuca sativa (lettuce)):  $\geq 10$  %  
Exposure time: 20 h  
End point: Growth  
Analytical monitoring: yes  
Method: Other  
GLP: no  
Remarks: By analogy with a product of similar composition  
No effect on the growth was observed.
- Sediment toxicity : NOEC (Hyalella azteca (Scud)):  $\geq 100000$  %  
Analytical monitoring: no

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Sediment: artificial soil  
Exposure duration: 28 d  
Nominal / Measured: nominal  
Basis for effect: mortality  
Method: Other  
GLP: no  
Remarks: By analogy with a product of similar composition

NOEC: >= 14989 mg/kg dry weight (d.w.)  
Analytical monitoring: no data available  
Sediment: Natural sediment  
Exposure duration: 10 d  
Nominal / Measured: nominal  
Basis for effect: mortality  
Method: Other  
GLP: yes

Toxicity to terrestrial organisms : Remarks: Not applicable

**Persistence and degradability****Components:****C.I. Pigment White 6:**

Biodegradability : Remarks: Not applicable for inorganic compound.

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: not tested.

**Components:****C.I. Pigment White 6:**

Bioaccumulation : Species: Oncorhynchus mykiss (rainbow trout)  
Bioconcentration factor (BCF): 20 - 200  
Exposure time: 14 d  
Concentration: 0.1 - 1 mg/l  
Method: Other  
GLP: No information available.  
Remarks: Does not accumulate in organisms.

**Mobility in soil****Product:**

Distribution among environmental compartments : Remarks: not tested.

**Components:****C.I. Pigment White 6:**

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Mobility : Remarks: Adsorption to solid soil phase is possible.

Distribution among environmental compartments : Adsorption/Soil  
Medium: water - soil  
log Koc: 4.61  
Method: Other

## Other adverse effects

### Product:

Results of PBT and vPvB assessment : Remarks: No information is available as no chemical safety report (CSR) is required.

Additional ecological information : Do not allow to enter ground water, waterways or waste water.

### Components:

#### **C.I. Pigment White 6:**

Environmental fate and pathways : not available

Results of PBT and vPvB assessment : The substance is inorganic, thus a PBT and vPvB criteria assessment is not applicable according to Annex XIII of Regulation (EC) 1907/2006.

Additional ecological information : Do not allow to enter ground water, waterways or waste water.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : Dispose of this product in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Regulations concerning reuse or disposal of used packaging materials must be observed.

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## SECTION 14. TRANSPORT INFORMATION

DOT not restricted

IATA not restricted

IMDG not restricted

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**SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

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

**SARA 311/312 Hazards** : Chronic Health Hazard**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

Zinc distearate 557-05-1 2 %

**Clean Water Act**

This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307, Zinc

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

TSCA : On TSCA Inventory

**TSCA list**

TSCA - 5(a) Significant New Use Rule List of Chemicals: No substances are subject to a Significant New Use Rule.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D): No substances are subject to TSCA 12(b) export notification requirements.

**SECTION 16. OTHER INFORMATION****Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; 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

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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; 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

**Further information**

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