

Product: MIXLAND+® MBT 80 GA F140

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SDS No.: 100190-100 (Version 3.0)

Date 25.02.2025 (Cancel and replace : 23.02.2023)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1. Product identifier
Identification of the mixture: MIXLAND+® MBT 80 GA F140

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the Substance/Mixture : Curing chemical

1.3. Details of the supplier of the safety data sheet

Supplier	MLPC International 209, Avenue Charles Despiau F-40370 RION-DES-LANDES, FRANCE Telephone: + 33 (0) 5 58 57 02 00 E-mail address: http://www.mlpc-intl.com fds@mlpc-intl.com
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1.4. Emergency telephone number
+1-703-741-5970 CHEMTREC international emergency phone number (ARKEMA CCN830055)
SECTION 2: HAZARDS IDENTIFICATION
2.1. Classification of the substance or mixture
Classification (REGULATION (EC) No 1272/2008):

 Skin sensitisation, 1, H317
 Acute aquatic toxicity, 1, H400
 Chronic aquatic toxicity, 1, H410

Additional information:

For the full text of the H, EUH-phrases mentioned in this Section, see Section 16.

2.2. Label elements
Label elements (REGULATION (EC) No 1272/2008):
Hazardous components which must be listed on the label:

benzothiazole-2-thiol

 Hazard
 pictograms:


Signal word:

Warning
Hazard statements:

 H317 : May cause an allergic skin reaction.
 H410 : Very toxic to aquatic life with long lasting effects.

Precautionary statements:
Prevention:

 P280 : Wear eye protection and face protection.
 P273 : Avoid release to the environment.

Response:

P333 + P313 : If skin irritation or rash occurs: Get medical advice/ attention.

Disposal:

P501 : Dispose of contents and container to an approved incineration plant.

2.3. Other hazards : None.

Other:**Results of PBT and vPvB assessment :**

Based on the available information, it is not possible to conclude on PBT and vPvB criteria according to REACH regulation, annex XIII.

Endocrine disrupting properties - Health :

Based on the available information, it is not possible to conclude on the endocrine disruptor potential.

Endocrine disrupting properties - Environment :

Based on the available information, it is not possible to conclude on the endocrine disruptor potential.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures****Chemical nature of the mixture¹:**

Mixture based on: Polymer and

Hazardous components (accordance with Annex II of Regulation (EC) No 1907/2006 and its amendment(s)) :

Chemical name ¹ & REACH Registration Number ²	EC-No.	CAS-No.	Concentration	Classification REGULATION (EC) No 1272/2008	specific concentration limit, M-Factors, Acute toxicity estimate
Benzothiazole-2-thiol (01-2119485805-26) (N° ANNEX: 613-108-00-3)	205-736-8	149-30-4	70 - 90 %	Skin Sens.1; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	M-Factor Acute = 1 M-Factor Chronic = 1
Distillates (petroleum), hydrotreated light paraffinic (01-2119487077-29) (N° ANNEX: 649-468-00-3)	–	64742-55-8	10 - 20 %	Asp. Tox.1; H304 Nota L: DMSO <3%	

¹: See chapter 14 for Proper Shipping Name

²: See the text of the regulation for applicable exceptions or provisions -

SECTION 4: FIRST AID MEASURES**4.1. Description of necessary first-aid measures:****General advice:**

Take off immediately all contaminated clothing.

Inhalation:

Move to fresh air. Consult a physician.

Skin contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Eye contact:

Wash well-open eyes immediately, abundantly and thoroughly with water. Consult an ophthalmologist.

Ingestion:

Call a physician immediately. Do not induce vomiting without medical advice. Rinse mouth.

Protection of first-aiders:

If entering a saturated atmosphere, wear a self contained breathing apparatus.

4.2. Most important symptoms and effects, both acute and delayed: No data available.**4.3. Indication of any immediate medical attention and special treatment needed:** No data available.**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

Suitable extinguishing media: Water spray, Foam, Dry powder

Unsuitable extinguishing media: All other extinguishants

5.2. Special hazards arising from the substance or mixture:

Thermal decomposition gives :, Nitrogen oxides (NOx), Sulphur oxides, Carbon oxides

5.3. Advice for firefighters:

Specific methods:

Suppress gases, fumes and/or dust with water spray jet. Remove all sources of ignition.

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus and protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures:**

Avoid contact with skin and eyes and inhalation of dust.

6.2. Environmental precautions:

Do not let product enter drains. Do not contaminate surface water.

6.3. Methods and materials for containment and cleaning up:**Recovery:**

Shovel or sweep up. Recover the product and place in a dry labelled container.

Elimination:

Dispose of as hazardous waste in compliance with local and national regulations.

6.4. Reference to other sections: None.**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling:****Technical measures/Precautions:**

Provide appropriate exhaust ventilation at machinery. Provide showers, eye-baths. In the presence of an ignition source: Dust may form explosive mixture in air.

Safe handling advice:

In case of dust formation, wear a dust mask. Avoid static electricity build up with connection to earth.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes. Wash hands after handling. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities:

Store protected from moisture and heat. Protect from light. Keep away from direct sunlight.

Incompatible products:

Strong acids Oxidizing agents

Packaging material:

Recommended: Cardboard lined with polyethylene liner, Paper bags lined with polyethylene

7.3. Specific end use(s): None.**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters:****Exposure Limit Values**

Not relevant

Derived No Effect Level (DNEL): BENZOTHIAZOLE-2-THIOL :

End Use	Inhalation	Ingestion	Skin contact
Workers	70,4 mg/m ³ (ST, SE) 8,8 mg/m ³ (LT, SE)		40 mg/kg bw/day (ST, SE) 5 mg/kg bw/day (LT, SE)
Consumers	17,6 mg/m ³ (ST, SE) 2,2 mg/m ³ (LT, SE)	10 mg/kg bw/day (ST, SE) 1,25 mg/kg bw/day (LT, SE)	20 mg/kg bw/day (ST, SE) 2,5 mg/kg bw/day (LT, SE)

LE : Local effects, **SE** : Systemic effects, **LT** : Long term, **ST** : Short term

Predicted No Effect Concentration: BENZOTHIAZOLE-2-THIOL :

Compartment:	Value:
Water	4,1 µg/l
Marine water	0,4 µg/l

Water (Intermittent release)	5 µg/l
Fresh water sediment	0,147 mg/kg dw
Marine sediment	0,015 mg/kg dw
Sewage treatment plant	0,3 mg/l
Soil	0,027 mg/kg dw

8.2. Exposure controls:

General protective measures: Ensure sufficient air exchange and/or exhaust in work areas

Personal protective equipment:

Respiratory protection: Effective dust mask
 Hand protection: Impervious gloves
 Eye/face protection: Tightly fitting safety goggles
 Skin and body protection: Protective suit

Environmental exposure controls: See chapter 6

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****Appearance:**

Physical state (20°C): solid
Form: granules
Colour: brown
Odour: characteristic
Odour Threshold: No data available.
Melting point/range : 170 - 180 °C
Boiling point/boiling range : Not applicable
Flammability:
 Flammability (solid, gas): Non flammable product (Standard A10)
Flash point: 200 °C (closed cup)
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
pH: Not applicable
Viscosity, kinematic: No data available.
Water solubility: No data available.
Solubility in other solvents: Chloroform Active ingredient
Partition coefficient: n-octanol/water: BENZOTHIAZOLE-2-THIOL :
 log Kow : 2,42 (measured)
Vapour pressure: No data available.
Density: 1,27 - 1,32 g/cm³ , at 20 °C True volume mass
Relative vapour density: No data available.
Particle characteristics:
Particle size: measured 0,7 - 0,8 cm pellets

9.2. Other information:

pKA: None.
Molecular weight: Active ingredient 167 g/mol
Explosive properties:
 Minimum ignition energy: not determined

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: No data available.

10.2. Chemical stability:

The product is stable under normal handling and storage conditions.

10.3. Possibility of hazardous reactions: No data available.

10.4. Conditions to avoid:

Store protected from moisture and heat. Protect from light. Keep away from direct sunlight.

10.5. Incompatible materials to avoid:

Strong acids and strong bases

10.6. Hazardous decomposition products:

Nitrogen oxides (NOx), Carbon dioxide (CO₂), Sulphur oxides

SECTION 11: TOXICOLOGICAL INFORMATION

All available and relevant data on this product and/or the components quoted in section 3 and/or the analogue substances/metabolites have been taken into account for the hazard assessment.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Acute toxicity:

Inhalation: **Inhalation of vapours due to thermal decomposition: Toxic effects cannot be excluded**

BENZOTHIAZOLE-2-THIOL :

• In animals : No mortality/4 h/Rat: > 1,27 mg/l (Dusts)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

Through analogy with a comparable product :

• In animals : No mortality/4 h/Rat: 5,53 mg/l (Method: OECD Test Guideline 403) (Aerosol)

Ingestion:

According to its composition : May be harmful if swallowed.

BENZOTHIAZOLE-2-THIOL :

• In animals : LD50/Rat: 3.800 mg/kg

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

Through analogy with a comparable product :

• In animals : No mortality/Rat: 5 g/kg (Method: OECD Test Guideline 401)

Dermal:

According to its composition, can be considered as Slightly harmful in contact with skin.

BENZOTHIAZOLE-2-THIOL :

• In animals : No mortality/Rabbit: 7,94 g/kg

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

Through analogy with a comparable product :

• In animals : No mortality/Rabbit: 5 g/kg (Method: OECD Test Guideline 402)

Local effects (Corrosion / Irritation / Serious eye damage):

Skin contact: **Based on the available information, it is not possible to conclude on the hazard potential of this mixture.**

BENZOTHIAZOLE-2-THIOL :

• In animals : No skin irritation (Draize Test, Rabbit)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

Through analogy with a comparable product :

• In animals : Slightly irritating to skin. (Rabbit, Exposure time: 24 h)

Eye contact:

Based on the available information, it is not possible to conclude on the hazard potential of this mixture.

BENZOTHIAZOLE-2-THIOL :

• In animals : Mild eye irritation (Draize Test, Rabbit)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

Through analogy with a comparable product :

• In animals : No eye irritation (OECD Test Guideline 405, Rabbit)

Respiratory or skin sensitisation:

Inhalation:

No data available.

Skin contact:

According to its composition : May cause an allergic skin reaction.

BENZOTHIAZOLE-2-THIOL :

• In man : Some cases of cutaneous sensitization reported

• In animals : Weak sensitizing effects by skin contact. (Method: OECD Test Guideline 406 Guinea pig maximization test)

CMR effects :

Mutagenicity: Based on the available information, it is not possible to conclude on the hazard potential of this mixture.

In vitro

BENZOTHIAZOLE-2-THIOL :

Ames test in vitro: negative
Tests for chromosome aberrations in vitro on mammalian cells: Inconclusive results
In vitro gene mutations test on mammalian cells: negative (Method: OECD Test Guideline 476)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

Through analogy with a comparable product :, Conflicting results have been seen in different studies.

In vivo

BENZOTHIAZOLE-2-THIOL :

Micronucleus test in vivo mouse: negative

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

Through analogy with a comparable product :
Micronucleus test in vivo mouse: Inactive (Method: OECD Test Guideline 474)

Carcinogenicity: Based on the available information, it is not possible to conclude on the hazard potential of this mixture.

BENZOTHIAZOLE-2-THIOL :

- In animals : The results are considered as not easily extrapolated to man (Method: OECD Test Guideline 451, 2 years, By oral route)
At high dose : Neoplastic lesion, Target organs: Pituitary gland, Kidney (Rat)
Absence of carcinogenic effects (Mouse)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

- In animals : Through analogy with a comparable product :
Absence of carcinogenic effects (Mouse, Dermal)

Reproductive toxicity:

Fertility: Based on the available information, it is not possible to conclude on the hazard potential of this mixture.

BENZOTHIAZOLE-2-THIOL :

- In animals : Two generations study.: No toxic effects for reproduction
NOAEL (Parental toxicity) : 0,15 - 0,25 g/kg
NOAEL (Fertility) : 0,7 - 1,3 g/kg
(Method: OECD Test Guideline 416, Rat, By diet)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

- In animals : Through analogy with a comparable product :
Reproductive/Developmental Effects Screening Assay: Absence of toxic effects on fertility
NOAEL (Parental toxicity) : 1.000 mg/kg bw/day
NOAEL (Fertility) : 1.000 mg/kg bw/day
NOAEL (Developmental Toxicity) : 1000 mg/kg bw/day
(Method: OECD Test Guideline 421, Rat, Oral)

Foetal development: Based on the available information, it is not possible to conclude on the hazard potential of this mixture.

BENZOTHIAZOLE-2-THIOL :

- In animals : Exposure during pregnancy: Absence of toxic effects for foetal development.
(Method: OECD Test Guideline 414, By oral route)
NOAEL (Developmental Toxicity) : >= 0,3 g/kg
NOAEL (Maternal Toxicity) : 0,15 g/kg
(Rabbit)
NOAEL (Developmental Toxicity) : >= 1,8 g/kg
NOAEL (Maternal Toxicity) : 0,3 g/kg
(Rat)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

- In animals : Through analogy with a comparable product :
Exposure during pregnancy: Absence of toxic effects for foetal development.
NOAEL (Developmental Toxicity) : 2 g/kg
NOAEL (Maternal Toxicity) : < 0,125 g/kg
(Method: OECD Test Guideline 414, Rat, dermal route)

Specific target organ toxicity :**Single exposure :**

No data available.

Repeated exposure: Based on the available information, it is not possible to conclude on the hazard potential of this mixture.

BENZOTHIAZOLE-2-THIOL :

- In animals : By oral route: changes in body weight, NOAEL= < 187 mg/kg (Rat, 3 months)
changes in organ weights, Target organs: Liver
By diet: changes in organ structure or function, Target organs: Kidney, NOAEL= = 14,6 mg/kg (Mouse, Chronic)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

- In animals : Through analogy with a comparable product :
Inhalation: No specific toxic effects, NOAEL= 220mg/m3 (3 months)
Dermal: NOAEL= 1000mg/kgbw/d (Repeated exposure)

Aspiration hazard: Not applicable

11.2. Information on other hazards:

Endocrine disrupting properties: Based on the available information, it is not possible to conclude on the endocrine disruptor potential.

Other information: Not relevant

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicology Assessment: All available and relevant data on this product and/or the components quoted in section 3 and/or the analogue substances/metabolites have been taken into account for the hazard assessment.

Acute aquatic toxicity : Very toxic to aquatic life.
Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

12.1. Toxicity :

Fish: From its composition, it must be considered as: **Very toxic to fish.**

BENZOTHIAZOLE-2-THIOL : LC50, 96 h (Oncorhynchus mykiss) : = 0,73 mg/l (Method: OECD Test Guideline 203)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :
LL50, 96 h (Pimephales promelas (fathead minnow)) : > 100 mg/l (Method: OECD Test Guideline 203)

Aquatic invertebrates: From its composition, it must be considered as: **Very toxic to daphnia.**

BENZOTHIAZOLE-2-THIOL : EC50, 48 h (Daphnia magna (Water flea)) : = 0,71 mg/l (Method: OECD Test Guideline 202, Immobilization)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :
May be considered as comparable to a similar product for which experimental results are:
LL50, 48 h (Daphnia magna (Water flea)) : > 10.000 mg/l (Method: OECD Test Guideline 202)

Aquatic plants: From its composition, it must be considered as: **Very toxic to algae.**

BENZOTHIAZOLE-2-THIOL : EC50, 72 h (Pseudokirchneriella subcapitata (green algae)) : = 0,5 mg/l (Method: OECD Test Guideline 201, growth rate inhibition)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :
May be considered as comparable to a similar product for which experimental results are:
ErL50, 72 h (Pseudokirchneriella subcapitata (green algae)) : > 100 mg/l (Method: OECD Test Guideline 201)

Microorganisms:

BENZOTHIAZOLE-2-THIOL : EC50, 24 h (Tetrahymena pyriformis) : = 10 mg/l (Growth inhibition)
EC50, 3 h : = 3.301 mg/l (Method: OECD Test Guideline 209, Respiration inhibition of activated sludge)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :
May be considered as comparable to a similar product for which experimental results are:
NOEC, 4 d (Photobacterium phosphoreum) : > 1,93 mg/l (Method: DIN 38412)

Aquatic toxicity / Long term toxicity:

Fish:

BENZOTHIAZOLE-2-THIOL :
NOEC, 89 d (Oncorhynchus mykiss (rainbow trout)) : = 0,041 mg/l (Method: No data available)

Aquatic invertebrates:

BENZOTHIAZOLE-2-THIOL :
NOEC, 21 d (Daphnia magna (Water flea)) : = 0,08 mg/l (Method: OECD Test Guideline 211, Reproduction inhibition)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :
May be considered as comparable to a similar product for which experimental results are:
NOEC, 21 d (Daphnia magna (Water flea)) : 10 mg/l (Method: OECD Test Guideline 211, Growth inhibition/Reproduction inhibition)

Aquatic plants:

BENZOTHIAZOLE-2-THIOL :
NOEC, 72 h (Pseudokirchneriella subcapitata (green algae)) : = 0,066 mg/l (Method: OECD Test Guideline 201, growth rate inhibition)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :
NOEC r, 72 h (Pseudokirchneriella subcapitata (green algae)) : 100 mg/l (Method: OECD Test Guideline 201)

12.2. Persistence and degradability :

Biodegradation (In water): **Based on the available information, it is not possible to conclude on biodegradability of this mixture.**

BENZOTHIAZOLE-2-THIOL :
Not readily biodegradable.: 2,5 % after 14 d (Method: OECD Test Guideline 301C)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :
Not readily biodegradable.: 2 - 31 % after 28 d (Method: OECD Test Guideline 301 B)

Photodegradation (In water):

BENZOTHIAZOLE-2-THIOL :
Direct photolysis (Half-life) : 31,1 min

12.3. Bioaccumulative potential :

Bioaccumulation: **Based on the available information, it is not possible to conclude on the bioaccumulation potential of this mixture.**

BENZOTHIAZOLE-2-THIOL :
Partition coefficient: n-octanol/water: log Kow : 2,42 (Method: measured)

BENZOTHIAZOLE-2-THIOL :
Bioconcentration factor (BCF): < 8 (42 d, 25 °C, Method: OECD Test Guideline 305 C, Cyprinus carpio (Carp))

12.4. Mobility in soil - Distribution among environmental compartments:**Absorption / desorption:**

BENZOTHIAZOLE-2-THIOL :
In soils and sediments: log Koc: 2,51 - 3,55 Koc: 326 - 3560 (Method: OECD Test Guideline 106)

12.5. Results of PBT and vPvB assessment :

Based on the available information, it is not possible to conclude on PBT and vPvB criteria according to REACH regulation, annex XIII.

12.6. Endocrine disrupting properties:

Based on the available information, it is not possible to conclude on the endocrine disruptor potential.

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12.7. Other adverse effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Disposal of product: Destroy the product by incineration (in accordance with local and national regulations).

Disposal of packaging: Destroy packaging by incineration at an approved waste disposal site (in accordance with local and national regulations).

SECTION 14: TRANSPORT INFORMATION

Regulation	14.1. UN number	14.2. UN proper shipping name	14.3. Class ^s *	Label	14.4. PG*	14.5. Environmental hazards	14.6. Special precautions for user
ADR	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZOTHIAZOLE-2-THIOL)	9	9	III	yes	
ADN	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZOTHIAZOLE-2-THIOL)	9	9	III	yes	
RID	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZOTHIAZOLE-2-THIOL)	9	9	III	yes	
IATA Cargo	3077	Environmentally hazardous substance, solid, n.o.s. (Benzothiazole-2-thiol)	9	9MI	III	yes	
IATA Passenger	3077	Environmentally hazardous substance, solid, n.o.s. (Benzothiazole-2-thiol)	9	9MI	III	yes	
IMDG	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZOTHIAZOLE-2-THIOL)	9	9	III	Marine pollutant	EmS Number: F-A, S-F Mark: MP

*Description: 14.3. Transport hazard class(es)
14.4. Packing group

14.7. Maritime transport in bulk according to IMO instruments: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety data sheets: accordance with Annex II of Regulation (EC) No 1907/2006 and its amendment(s)

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

Listed in:

EU. REACH, Annex XVII, Marketing and Use Restrictions (Regulation 1907/2006/EC): benzothiazole-2-thiol

15.2. Chemical safety assessment: None.

INVENTORIES:

European union/EEA : In the event of purchase from an Arkema legal entity based in the European Economic Area (EEA), it is established that this product complies with the registration provisions of REACH Regulation (EC) No. 1907/2006, given that all of its components are excluded, exempted and / or registered. If purchasing from a legal entity established outside the EEA, please contact your local representative for more information.

TSCA (USA) : The components of this product are all on the TSCA Inventory
 DSL/NDSL (CA) : All components of this product are on the Canadian DSL
 IECSC (CN) : All components of this product are listed or exempted
 ENCS (JP) : All components of this product are listed or exempted
 ISHL (JP) : All components of this product are listed or exempted
 KECI (KR) : All components of this product are listed or exempted
 PICCS (PH) : All components of this product are listed or exempted
 NZIOC (NZ) : All components of this product are listed or exempted
 AIIC (AU) : All components of this product are listed or exempted
 TCSI (TW) : All components of this product are listed or exempted

SECTION 16: OTHER INFORMATION

Full text of H, EUH-phrases referred to under sections 2 and 3

H304 May be fatal if swallowed and enters airways.
 H317 May cause an allergic skin reaction.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.

Update:

Safety datasheet sections which have been updated:		Type:
1-16	General update of Safety Data Sheet.	Revisions
	Chemical safety assessment	Deletions

Thesaurus:

NOAEL : No Observed Adverse Effect Level (NOAEL)
 LOAEL : Lowest Observed Adverse Effect Level (LOAEL)
 bw : Body weight
 food : oral feed
 dw : Dry weight
 vPvB : very Persistent and very Bioaccumulative
 PBT : Persistent, Bioaccumulative and Toxic

This information applies to the PRODUCT AS SUCH and conforming to specifications of ARKEMA. In case of formulations or mixtures, it is necessary to ascertain that a new danger will not appear. The information contained is based on our knowledge of the product, at the date of publishing and it is given quite sincerely. Users are advised of possible additional hazards when the product is used in applications for which it was not intended. This sheet shall only be used and reproduced for prevention and security purposes. The references to legislative, regulatory and codes of practice documents cannot be considered as exhaustive. It is the responsibility of the person receiving the product to refer to the totality of the official documents concerning the use, the possession and the handling of the product. It is also the responsibility of the handlers of the product to pass on to any subsequent persons who will come into contact with the product (usage, storage, cleaning of containers, other processes) the totality of the information contained within this safety data sheet and necessary for safety at work, the protection of health and the protection of environment.

NB: In this document the numerical separator of the thousands is the "." (point), the decimal separator is "," (comma).