Safety Data Sheet according to GB/T 16483 and GB/T 17519

Pattex Fusion XLT Trans. Y 280ml*12

Material No.: 2931462
V001.4
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1. Identification of the substance/preparation and of the company/undertaking

Product name: **Pattex Fusion XLT Trans. Y 280ml*12**

Intended use: Joint sealant, silicone

Manufacturer/Importer/Distributor Representative Company

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2. Hazards identification

EMERGENCY OVERVIEW:
Translucent, characteristic, solid, Harmful to aquatic life with long lasting effects.

Classification of the substance or mixture according to GB 30000.1 (Specification for classification and labelling of chemicals—Part 1：General rules):

Hazard Class	Hazard Category
Chronic hazards to the aquatic environment	Category 3

Label elements according to GB 15258 (General rules for preparation of precautionary label for chemicals):

Hazard statement: H412 Harmful to aquatic life with long lasting effects.
Prevention: P273 Avoid release to the environment.
Disposal: P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Physical and chemical hazards:

Based on current information, there are no physical or chemical hazards.

Health hazards:

Based on current information, there are no health hazards.

Environmental hazards:

Harmful to aquatic life with long lasting effects.

3. Composition / information on ingredients

Substance or Mixture:
Mixture

Declaration of the ingredients according to GB 30000.1:

Hazard component CAS-No.	Content	GHS Classification
N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	0.1- < 1 %	Flammable liquids 4 H227 Acute toxicity 5; Oral H303 Serious eye damage/eye irritation 1 H318 Skin sensitizer 1B H317
Dioctyltin dilaurate 3648-18-8	0.1- < 0.3 %	Toxic to reproduction 1B H360 Specific target organ toxicity - repeated exposure 1 H372
thiabendazol 148-79-8	0.1- < 0.25 %	Acute hazards to the aquatic environment 1 H400 Chronic hazards to the aquatic environment 1 H410
tebuconazole 107534-96-3	0.1- < 0.25 %	Acute toxicity 4; Oral H302 Toxic to reproduction 2 H361 Acute hazards to the aquatic environment 1 H400 Chronic hazards to the aquatic environment 1 H410
octamethylcyclotetrasiloxane 556-67-2	0.025- < 0.1 %	Flammable liquids 3 H226 Toxic to reproduction 2 H361 Chronic hazards to the aquatic environment 1 H410

Only hazardous ingredients for which a classification according to GB 30000.1 is already available are displayed in this table. For full text of the Hazard statements see section 16 "Other information".

4. First aid measures

Description of necessary first-aid measures:

Skin contact: Rinse with running water and soap.
Obtain medical attention if irritation persists.

Eye contact: Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

Ingestion: Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

Most important symptoms/effects, acute and delayed: The most important known symptoms and effects are described in chapters 2 and/or 11.

Indication of any immediate medical attention and special treatment needed, if necessary: Post-exposure treatment should focus on controlling the patient's clinical symptoms and signs.

5. Fire fighting measures

Suitable extinguishing media: water, carbon dioxide, foam, powder

Fire-fighting method: Do not store or use near heat, spark, open flame or other sources of ignition.

Special protective actions for fire-fighters: In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO2) can be released.
Silicon dioxide
In case of fire, keep containers cool with water spray.
Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Avoid contact with skin and eyes.
Wear protective equipment.
Ensure adequate ventilation.
Remove sources of ignition.

Environmental precautions: Do not empty into drains / surface water / ground water.

Methods and materials for containment and cleaning up: For small spills wipe up with paper towel and place in container for disposal.
For large spills absorb onto inert absorbent material and place in sealed container for disposal.
Dispose of contaminated material as waste according to Section 13.

7. Handling and storage

Precautions for safe handling: Avoid skin and eye contact.
See advice in section 8

Hygiene measures: Do not eat, drink, smoke or take snuff while working.
Wash thoroughly after handling.
Keep absolute tidiness at the working place.Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.

Conditions for safe storage, including any incompatibilities: Refer to Technical Data Sheet.

8. Exposure controls / personal protection

Controls parameters:

Occupational Exposure Limits:

Hazardous components CAS-No.	GBZ 2.1-2019	ACGIH	NIOSH	OSHA
Silica, amorphous, fumed, cryst.-free 112945-52-5	8 mg/m3PC-TWA Total dust.	3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Inhalable particles.	none	none

Biological Exposure Indices: no data available

Engineering controls: Ensure good ventilation/extraction.

Respiratory protection: Ensure adequate ventilation.
An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area
Filter type: A (EN 14387)

Eye protection: Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
Protective eye equipment should conform to EN166.

Body protection: Wear suitable protective clothing.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Hand protection: Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Fluorinated rubber (FKM; >= 0.7 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Fluorinated rubber (FKM; >= 0.7 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

9. Physical and chemical properties

Physical state:	solid	Appearance:	Translucent
Evaporation rate:	Not available.	Odor:	characteristic
pH:	Not applicable	Melting point:	Not available.
Boiling point:	Not available.	Density:	1.4 g/cm3
Vapor density:	Not available.	Vapor pressure:	Not available.
Flash point:	> 93 °C (> 199.4 °F)	Ignition temperature:	Not available.
Lower explosive limit:	Not available.	Upper explosive limit:	Not available.
Solubility in water	Not available.	Viscosity:	> 1 mPa.s
Auto-ignition temperature:	Not available.	Flammability:	Not available.
Octanol / water distribution coefficient:	Not available.	Decomposition temperature:	Not available.

VOC: Bulk adhesive
Silicone
Interior Decoration
<= 90 g/kg, GB 33372-2020 Limit of volatile organic compounds content in adhesive

10. Stability and reactivity

Reactivity: Reacts with oxidants, acids and lyes

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: See section reactivity.

Conditions to avoid:	Excessive heat.
Incompatible materials:	See section reactivity.
Hazardous decomposition products:	No decomposition if used according to specifications.

11. Toxicological information

General toxicological information:
No laboratory animal data available.

Acute oral toxicity:

N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 423 (Acute Oral toxicity)
N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	Value type	Acute toxicity estimate (ATE)
	Value	2,500 mg/kg
	Species	
	Method	Expert judgement
Dioctyltin dilaurate 3648-18-8	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 423 (Acute Oral toxicity)
thiabendazol 148-79-8	Value type	LD 50
	Value	2,080 mg/kg
	Species	Rat
	Method	
thiabendazol 148-79-8	Value type	LD 50
	Value	1,300 mg/kg
	Species	Mouse
	Method	
thiabendazol 148-79-8	Value type	LD 50
	Value	3.1 g/kg
	Species	Rat
	Method	
thiabendazol 148-79-8	Value type	LD 50
	Value	3.6 g/kg
	Species	Mouse
	Method	
thiabendazol 148-79-8	Value type	LD 50
	Value	3.85 g/kg
	Species	Rabbit
	Method	
thiabendazol 148-79-8	Value type	LD 50
	Value	4 g/kg
	Species	Chicken
	Method	
thiabendazol 148-79-8	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	not specified
tebuconazole 107534-96-3	Value type	LD 50
	Value	625 mg/kg
	Species	Dog
	Method	
tebuconazole 107534-96-3	Value type	LD 50
	Value	1,615 mg/kg
	Species	Mouse
	Method	
tebuconazole 107534-96-3	Value type	LD 50
	Value	625 mg/kg
	Species	Sheep
	Method	
tebuconazole 107534-96-3	Value type	LD 50
	Value	> 5,000 mg/kg
	Species	Rat
	Method	
tebuconazole 107534-96-3	Value type	LD 50
	Value	> 1,000 mg/kg
	Species	Rabbit
	Method	

tebuconazole 107534-96-3	Value type	LD50
	Value	1,700 mg/kg
	Species	rat
	Method	not specified
octamethylcyclotetrasiloxane 556-67-2	Value type	LD 50
	Value	> 4,800 mg/kg
	Species	Rat
	Method	
octamethylcyclotetrasiloxane 556-67-2	Value type	LD50
	Value	> 4,800 mg/kg
	Species	rat
	Method	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

Dioctyltin dilaurate 3648-18-8	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 402 (Acute Dermal Toxicity)
thiabendazol 148-79-8	Value type	LD50
	Value	> 4,000 mg/kg
	Species	rabbit
	Method	not specified
tebuconazole 107534-96-3	Value type	LD 50
	Value	> 5,000 mg/kg
	Species	Rat
	Method	
tebuconazole 107534-96-3	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	not specified
octamethylcyclotetrasiloxane 556-67-2	Value type	LD 50
	Value	> 2,000 mg/kg
	Species	Rat
	Method	
octamethylcyclotetrasiloxane 556-67-2	Value type	LD50
	Value	> 2,375 mg/kg
	Species	rat
	Method	equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)
octamethylcyclotetrasiloxane 556-67-2	Value type	LD 50
	Value	> 4,640 mg/kg
	Species	Rabbit
	Method	

Acute inhalative toxicity:

thiabendazol 148-79-8	Value type	LC50
	Value	> 6.84 mg/l
	Exposure time	4 h
	Species	rat
	Method	not specified
tebuconazole 107534-96-3	Value type	LC50
	Value	> 5,093 mg/l
	Exposure time	4 h
	Species	rat
	Method	OECD Guideline 403 (Acute Inhalation Toxicity)
octamethylcyclotetrasiloxane 556-67-2	Value type	LC 50
	Value	> 17.6 mg/l
	Exposure time	1 h
	Species	Rat
	Method	
octamethylcyclotetrasiloxane 556-67-2	Value type	LC50
	Value	36 mg/l
	Exposure time	4 h
	Species	rat
	Method	OECD Guideline 403 (Acute Inhalation Toxicity)
octamethylcyclotetrasiloxane	Value type	LC 50

556-67-2	Value	36 mg/l
	Exposure time	4 h
	Species	Rat
	Method	

Skin corrosion/irritation:

N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	Result	not corrosive
	Exposure time	4 h
	Species	Human, EpiSkinTM (SM), Reconstructed Human Epidermis (RHE)
	Method	OECD Guideline 431 (In Vitro Skin Corrosion: Reconstructed Human Epidermis (RHE) Test Method)
N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	Result	not irritating
	Exposure time	15 min
	Species	Human, EpiSkinTM (SM), Reconstructed Human Epidermis (RHE)
	Method	OECD Guideline 439 (In Vitro Skin Irritation: Reconstructed Human Epidermis (RHE) Test Method)
octamethylcyclotetrasiloxane 556-67-2	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	Result	not irritating
	Exposure time	
	Species	Chicken, eye, in vitro test
	Method	OECD Guideline 438 (Isolated Chicken Eye Test Method)
Dioctyltin dilaurate 3648-18-8	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
octamethylcyclotetrasiloxane 556-67-2	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	Result	sensitising
	Test type	Mouse local lymphnode assay (LLNA)
	Species	mouse
	Method	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
octamethylcyclotetrasiloxane 556-67-2	Result	not sensitising
	Test type	Guinea pig maximisation test
	Species	guinea pig
	Method	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
octamethylcyclotetrasiloxane 556-67-2	Result	negative
	Type of study / Route of administration	bacterial gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
octamethylcyclotetrasiloxane 556-67-2	Result	negative
	Type of study / Route of administration	in vitro mammalian chromosome aberration test
	Metabolic activation / Exposure time	with and without
	Method	equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
octamethylcyclotetrasiloxane 556-67-2	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
octamethylcyclotetrasiloxane 556-67-2	Result	negative
	Type of study / Route of administration	inhalation
	Metabolic activation / Exposure time	
	Species	rat
	Method	equivalent or similar to OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)
octamethylcyclotetrasiloxane 556-67-2	Result	negative
	Type of study / Route of administration	oral: gavage
	Metabolic activation / Exposure time	
	Species	rat
	Method	equivalent or similar to OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)

Carcinogenicity
No data available.

Reproductive toxicity:
No data available.

STOT-single exposure:
No data available.

STOT-repeated exposure:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	**Result / Value**	**Route of application**	**Exposure time / Frequency of treatment**	**Species**	**Method**
Dioctyltin dilaurate 3648-18-8	NOAEL 0.3 - 0.4 mg/kg	oral: feed	28 d 28 d/daily (ad libitum)	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
octamethylcyclotetrasiloxane 556-67-2	LOAEL 35 ppm	inhalation	6 h nose only inhalation 5 days/week for 13 weeks	rat	OECD Guideline 412 (Repeated Dose Inhalation Toxicity: 28/14-Day)
octamethylcyclotetrasiloxane 556-67-2	NOAEL 960 mg/kg	dermal	3 w 5 d/w	rabbit	equivalent or similar to OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

Aspiration hazard:
No data available.

12. Ecological information

General ecological information:
Do not empty into drains / surface water / ground water.

Toxicity:

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
Dioctyltin dilaurate 3648-18-8	LC50	Toxicity > Water solubility	96 h		OECD Guideline 203 (Fish, Acute Toxicity Test)
thiabendazol 148-79-8	LC50	0.55 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
thiabendazol 148-79-8	NOEC	0.012 mg/l	69 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early lite stage toxicity test)
tebuconazole 107534-96-3	LC50	4.4 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
octamethylcyclotetrasiloxane 556-67-2	NOEC	0.0044 mg/l	93 d	Salmo gairdneri (new name: Oncorhynchus mykiss)	EPA OPPTS 797.1600 (Fish Early Life Stage Toxicity Test)
octamethylcyclotetrasiloxane 556-67-2	LC50	Toxicity > Water solubility	96 h	Oncorhynchus mykiss	EPA OTS 797.1400 (Fish Acute Toxicity Test)

Toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	EC50	> 100.1 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Dioctyltin dilaurate 3648-18-8	EC50	Toxicity > Water solubility	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
thiabendazol 148-79-8	EC50	0.81 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
tebuconazole 107534-96-3	EC50	2.79 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
octamethylcyclotetrasiloxane 556-67-2	EC50	Toxicity > Water solubility	48 h	Daphnia magna	EPA OTS 797.1300 (Aquatic Invertebrate Acute Toxicity Test, Freshwater Daphnids)

Chronic toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
thiabendazol 148-79-8	NOEC	0.041 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
tebuconazole 107534-96-3	NOEC	0.01 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
octamethylcyclotetrasiloxane	NOEC	7.9 µg/l	21 d	Daphnia magna	EPA OTS 797.1330

556-67-2					(Daphnid Chronic Toxicity Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	EC50	> 311 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	NOEC	32.4 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Dioctyltin dilaurate 3648-18-8	NOEC	Toxicity > Water solubility	72 h	Desmodesmus subspicatus (reported as Scenedesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
thiabendazol 148-79-8	IC50	14.7 mg/l	96 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
thiabendazol 148-79-8	NOEC	0.53 mg/l	96 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
tebuconazole 107534-96-3	IC50	3.8 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
octamethylcyclotetrasiloxane 556-67-2	EC50	Toxicity > Water solubility	96 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
octamethylcyclotetrasiloxane 556-67-2	EC10	0.022 mg/l	96 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)

Toxicity (microorganisms):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
thiabendazol 148-79-8	EC0	> 500 mg/l	30 min	Pseudomonas putida	DIN 38412, part 27 (Bacterial oxygen consumption test)
tebuconazole 107534-96-3	EC50	> 10,000 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
octamethylcyclotetrasiloxane 556-67-2	EC50	Toxicity > Water solubility	3 h	activated sludge	ISO 8192 (Test for Inhibition of Oxygen Consumption by Activated Sludge)

Persistence and degradability

Hazardous components CAS-No.	Result	Test type	Degradability	Exposure time	Method
N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	not readily biodegradable.	aerobic	24 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Dioctyltin dilaurate 3648-18-8	not readily biodegradable.	aerobic	1.9 %	28 day	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
thiabendazol 148-79-8	not readily biodegradable.	aerobic	> 0 - < 60 %	28 day	OECD 301 A - F
tebuconazole 107534-96-3	not readily biodegradable.	aerobic	20 %	28 d	OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))
octamethylcyclotetrasiloxane 556-67-2	not readily biodegradable.	aerobic	3.7 %	29 d	OECD Guideline 310 (Ready BiodegradabilityCO2 in Sealed Vessels (Headspace Test)

Bioaccumulative potential

Hazardous components CAS-No.	Bioconcentration factor (BCF)	Exposure time	Temperature	Species	Method
Dioctyltin dilaurate 3648-18-8	< 100	30 day		Salmo irideus	OECD Guideline 305 (Bioconcentration: Flow-through Fish Test)
thiabendazol 148-79-8	97			not specified	OECD Guideline 305 (Bioconcentration: Flow-through Fish Test)
tebuconazole 107534-96-3	78			not specified	not specified
octamethylcyclotetrasiloxane 556-67-2		28 d		Pimephales promelas	
octamethylcyclotetrasiloxane 556-67-2	12,400	28 d		Pimephales promelas	EPA OTS 797.1520 (Fish Bioconcentration Test-Rainbow Trout)

Mobility in soil:

Hazardous components CAS-No.	LogPow	Temperature	Method
N,N-Dimethyl-3-(trimethoxysilyl)propylamine 2530-86-1	0.51	25 °C	QSAR (Quantitative Structure Activity Relationship)
Dioctyltin dilaurate 3648-18-8	14.56		not specified
thiabendazol 148-79-8	2.47	25 °C	EU Method A.8 (Partition Coefficient)
tebuconazole 107534-96-3	3.7		not specified
octamethylcyclotetrasiloxane 556-67-2	6.98	21.7 °C	other guideline:

Endocrine disrupting properties

No data available.

Other adverse effects

No data available.

13. Disposal considerations

Product disposal: Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

14. Transport information

Road transport CN_DG:
Not dangerous goods

Marine transport IMDG:
Not dangerous goods

Air transport IATA:
Not dangerous goods

Notice For Transportation: Transport according to local and national regulations. Ensure containers will not leak, collapse, or being damaged when transported. DO NOT transport with incompatible materials. Transportation vehicle should be equipped with right fire-fighting equipment in case of emergency. Avoid solarization, drenched and high temperature when transported.

15. Regulatory information

The following laws and regulations lay down provisions in terms of chemicals safety use, storage, transportation, loading/ unloading, classification as well as symbol.

"Law of the People's Republic of China on Work Safety".
Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases".
"Law of the People's Republic of China on environmental protection".
"Regulation on the Safety Management of Hazardous Chemicals".
"Regulations on License to Work Safety".

16. Other information

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Others:

The full text of all abbreviations indicated by codes in this safety data sheet section 3 are as follows:

H226 Flammable liquid and vapour.
H227 Combustible liquid.
H302 Harmful if swallowed.
H303 May be harmful if swallowed.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H360 May damage fertility or the unborn child.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.