

Baypren® 711 M 43

Version 1.0 Revision Date: 30.01.2020 SDS Number: 103000004150 Date of last issue: -
Date of first issue: 25.03.2019

SECTION 1. IDENTIFICATION

Product name : Baypren® 711 M 43
Product code : 21000331

Manufacturer or supplier's details

Company name of supplier : ARLANXEO Deutschland GmbH
Address : Chempark Dormagen, Geb. F41
Dormagen 05 41540 Germany

Recommended use of the chemical and restrictions on use

Recommended use : crude product for the production of technical rubber articles

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with 29 CFR 1910.1200**

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

GHS label elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Polychloroprene, Contains talc as antitackifier., Asbest, :, Not applicable
Polymer
Chemical nature : Polychloroprene
Contains talc as antitackifier.
Asbest
:
Not applicable
Polymer

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

Components

Chemical name	CAS-No.	Concentration (% w/w)
Tetraethylthiuram disulfide	97-77-8	>= 1 - < 5
Resin acids and Rosin acids, potassium salts	61790-50-9	>= 1 - < 5
Resin acids and Rosin acids, sodium salts	61790-51-0	>= 1 - < 5
Phenothiazine	92-84-2	>= 0,1 - < 1

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SECTION 4. FIRST AID MEASURES

- | | | |
|---|---|--|
| If inhaled | : | If inhaled, remove to fresh air.
Get medical attention if symptoms occur. |
| In case of skin contact | : | Wash off with soap and water.
Get medical attention if symptoms occur. |
| In case of eye contact | : | Flush eyes with water as a precaution.
Get medical attention if symptoms appear. |
| If swallowed | : | Get medical attention if symptoms appear. |
| Most important symptoms and effects, both acute and delayed | : | Skin: Reddening, burning, and possible permanent damage.
Contact with hot material causes thermal skin burns. |
-

SECTION 5. FIRE-FIGHTING MEASURES

- | | | |
|---------------------------------------|---|--|
| Suitable extinguishing media | : | Water spray
Foam
Dry chemical
Carbon dioxide (CO ₂)
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | : | None known. |
| Specific hazards during fire fighting | : | Toxic and irritating gases/fumes may be given off during burning or thermal decomposition. |
| Hazardous combustion products | : | Carbon dioxide (CO ₂)
Carbon monoxide
Halogenated compounds
Nitrogen oxides (NO _x)
Sulfur oxides
Metal oxides

Carbon dioxide (CO ₂)
Carbon monoxide
Halogenated compounds
Nitrogen oxides (NO _x)
Sulfur oxides
Metal oxides |
| Further information | : | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
No action shall be taken involving any personal risk or without suitable training. |

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Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : No action shall be taken involving any personal risk or without suitable training.
Put on appropriate personal protection equipment.
Do not touch or walk through spilled material.
Evacuate personnel to safe areas.
Keep unnecessary and unprotected personnel from entering.

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods and materials for containment and cleaning up : Move containers from spill area.
Vacuum or sweep up material and place in a designated, labeled waste container.
Dispose of wastes in an approved waste disposal facility.
Do not allow spilled material or wash water to enter sewers, surface waters, or groundwater systems.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Remove contaminated clothing and protective equipment before entering eating areas.
Workers should wash hands and face before eating, drinking and smoking.
Put on appropriate personal protection equipment.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Conditions for safe storage : Store in accordance with local regulations.
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.
Keep container closed when not in use.
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Do not store in unlabeled containers.
Use appropriate container to avoid environmental contamination.

Recommended storage temperature : < 77 °F / < 25 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

Components	CAS-No.	Value type (Form of	Control parameters / Permissible	Basis
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		exposure)	concentration	
Tetraethylthiuram disulfide	97-77-8	TWA	2 mg/m ³	ACGIH
Talc (non-asbestos form)	14807-96-6	TWA (Dust)	20 Million particles per cubic foot	OSHA Z-3
		TWA (Respirable fraction)	2 mg/m ³	ACGIH
Phenothiazine	92-84-2	TWA	5 mg/m ³	ACGIH

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection

Remarks : Wear suitable gloves.

Eye protection : Tightly fitting safety goggles
Safety glasses with side-shields

Skin and body protection : Wear suitable protective clothing.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : chips
Color : beige
Odor : odorless
Density : 1,23 g/cm³ (68 °F / 20 °C)

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : None known.

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Conditions to avoid : Extremes of temperature and direct sunlight.

Incompatible materials : No specific data.

Hazardous decomposition products

Thermal decomposition : Caused by smouldering and incomplete combustion toxic fumes mainly consisting of CO and CO₂ may be developed. Degradation products of the polymers and their additives may also be formed.

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

Inhalation
Skin contact

Acute toxicity

Not classified based on available information.

Not classified based on available information.

Components:**Tetraethylthiuram disulfide:**

Acute oral toxicity : LD50 (Rat): 500 mg/kg
LD50 (Rabbit): 1.800 mg/kg
LD50 (Mouse): 1.980 mg/kg
LDLo (Human): 160 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 2.050 mg/kg

Resin acids and Rosin acids, potassium salts:

Acute oral toxicity : LD50 (Rat): 2.130 mg/kg
Method: OECD Test Guideline 420
Remarks: Test results on an analogous product

Acute dermal toxicity : LD50 (Rat, male and female): > 2.000 mg/kg
Method: OECD Test Guideline 402
GLP: yes
Remarks: Test results on an analogous product

Resin acids and Rosin acids, sodium salts:

Acute oral toxicity : LD50 (Rat): 2.130 mg/kg
Method: OECD Test Guideline 420

Acute dermal toxicity : LD50 (Rat, male and female): > 2.000 mg/kg
Method: OECD Test Guideline 402

Phenothiazine:

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Acute oral toxicity : LD50 (Rat, male and female): 1.370 mg/kg

Acute dermal toxicity : LD50 (Rat, male and female): > 5.000 mg/kg
Method: OECD Test Guideline 402
GLP: yes
Remarks: Dosage caused no mortality
Extrapolation according to Regulation (EC) No. 440/2008

Skin corrosion/irritation

Not classified based on available information.

Not classified based on available information.

Components:**Tetraethylthiuram disulfide:**

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

Resin acids and Rosin acids, potassium salts:

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes
Remarks : Test results on an analogous product

Resin acids and Rosin acids, sodium salts:

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

Serious eye damage/eye irritation

Not classified based on available information.

Not classified based on available information.

Components:**Tetraethylthiuram disulfide:**

Species : Rabbit
Result : No eye irritation
Method : OECD Test Guideline 405

Resin acids and Rosin acids, potassium salts:

Species : Rabbit
Result : Irritating to eyes.
Exposure time : 72 h
Method : OECD Test Guideline 405
GLP : yes
Remarks : Test results on an analogous product

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Resin acids and Rosin acids, sodium salts:

Species : Rabbit
Result : Irritating to eyes.
Exposure time : 72 h
Method : OECD Test Guideline 405
GLP : yes

Respiratory or skin sensitization**Skin sensitization**

Not classified based on available information.

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Product:

Result : Does not cause skin sensitization.

Components:**Tetraethylthiuram disulfide:**

Routes of exposure : Skin contact
Species : Guinea pig
Method : EPA OPP 81-6
Result : May cause sensitization by skin contact.
GLP : yes

Resin acids and Rosin acids, potassium salts:

Routes of exposure : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Did not cause sensitization on laboratory animals.
GLP : yes
Remarks : Test results on an analogous product

Resin acids and Rosin acids, sodium salts:

Routes of exposure : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Did not cause sensitization on laboratory animals.
GLP : yes

Phenothiazine:

Routes of exposure : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406

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Result : May cause sensitization by skin contact.
GLP : yes

Germ cell mutagenicity

Not classified based on available information.
Not classified based on available information.

Components:**Tetraethylthiuram disulfide:**

Genotoxicity in vitro : Test system: Bacteria
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: equivocal

Resin acids and Rosin acids, potassium salts:

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
Remarks: Test results on an analogous product

Test Type: Ames test
Test system: Escherichia coli
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
GLP: yes
Remarks: Test results on an analogous product

Resin acids and Rosin acids, sodium salts:

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
Remarks: Test results on an analogous product

Test Type: Ames test
Test system: Escherichia coli
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
GLP: yes
Remarks: Test results on an analogous product

Phenothiazine:

Genotoxicity in vitro : Test Type: Ames test
Test system: Bacteria

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Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 471
 Result: negative
 GLP: yes

Genotoxicity in vivo : Species: Mammalian-Animal
 Application Route: Oral
 Result: negative
 GLP: yes

Carcinogenicity

Not classified based on available information.
 Not classified based on available information.

Components:**Tetraethylthiuram disulfide:**

Species : Rat
 Application Route : Oral
 Activity duration : 107 Weeks
 Result : negative

Species : Mouse
 Application Route : Oral
 Activity duration : 108 Weeks
 Result : equivocal

IARC No ingredient 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 ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.
 Not classified based on available information.

Components:**Tetraethylthiuram disulfide:**

Effects on fetal development : Species: Rat
 Application Route: Oral
 Dose: > 250 milligram per kilogram
 Duration of Single Treatment: 21 d
 Teratogenicity: NOAEL: > 250 mg/kg body weight
 Result: No teratogenic potential.

Species: Mouse, female
 Application Route: Oral
 Dose: > 4900 milligram per kilogram
 Duration of Single Treatment: 13 d

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Teratogenicity: > 4.900 mg/kg body weight
Result: Teratogenic effects.

Resin acids and Rosin acids, potassium salts:

Effects on fertility : Test Type: Fertility/early embryonic development
Species: Rat, male and female
Application Route: Oral
General Toxicity Parent: NOAEL: 5.000 parts per million
Fertility: NOAEL: 10.000 parts per million
Early Embryonic Development: NOAEL: 10.000 mg/kg food
Method: OECD Test Guideline 422
Result: No effects on fertility and early embryonic development were detected.
GLP: yes
Remarks: Test results on an analogous product

Resin acids and Rosin acids, sodium salts:

Effects on fertility : Test Type: Fertility/early embryonic development
Species: Rat, male and female
Application Route: Oral
General Toxicity Parent: NOAEL: 5.000 parts per million
Fertility: NOAEL: 10.000 parts per million
Early Embryonic Development: NOAEL: 10.000 mg/kg food
Method: OECD Test Guideline 422
Result: No effects on fertility and early embryonic development were detected.
GLP: yes
Remarks: Test results on an analogous product

STOT-single exposure

Not classified based on available information.
Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.
Not classified based on available information.

Components:**Tetraethylthiuram disulfide:**

Target Organs : Nervous system, Liver
Assessment : May cause damage to organs through prolonged or repeated exposure.

Phenothiazine:

Routes of exposure : Ingestion
Target Organs : Blood
Assessment : The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

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Repeated dose toxicity**Components:****Tetraethylthiuram disulfide:**

Species	:	Rat
NOAEL	:	1.000 mg/kg
Application Route	:	Oral
Exposure time	:	2 yr
Number of exposures	:	7 days/week
Dose	:	1000 mg/kg
Remarks	:	Chronic toxicity

Resin acids and Rosin acids, potassium salts:

Species	:	Rat, male and female
NOAEL	:	213,1 mg/kg
Application Route	:	Oral
Exposure time	:	90 d
Number of exposures	:	daily
Group	:	yes
Method	:	OECD Test Guideline 408
GLP	:	yes
Remarks	:	Test results on an analogous product

Resin acids and Rosin acids, sodium salts:

Species	:	Rat, male and female
NOAEL	:	213,1 mg/kg
Application Route	:	Oral
Exposure time	:	90 d
Number of exposures	:	daily
Group	:	yes
Method	:	OECD Test Guideline 408
GLP	:	yes
Remarks	:	Test results on an analogous product

Aspiration toxicity

Not classified based on available information.

Not classified based on available information.

Further information**Product:**

Remarks	:	Under the recommended processing conditions small amounts of emitted substance (e.g. residual monomers, residual solvents, decomposition products) may be discharged. According to our experience and information the product has no harmful effects on health if properly handled. The substance(s) listed in Chapter 3 is/are encapsulated in this preparation in a polymer and is/are therefore not bioavailable.
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SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:****Ecotoxicology Assessment**

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Components:**Tetraethylthiuram disulfide:**

- Toxicity to fish : LC50 (Fish): 0,32 mg/l
End point: mortality
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,12 mg/l
Exposure time: 48 h
Remarks: Fresh water
- Toxicity to algae : EC50 (algae): 1,8 mg/l
Exposure time: 96 h
- M-Factor (Acute aquatic toxicity) : 1
- Toxicity to fish (Chronic toxicity) : NOEC (Danio rerio (zebra fish)): 0,0032 mg/l
Exposure time: 10 Days
Method: OECD Test Guideline 210
GLP: no
Remarks: Fresh water
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0,04 mg/l
Exposure time: 21 Days
Method: OECD Test Guideline 211
GLP: yes
Remarks: Fresh water
- M-Factor (Chronic aquatic toxicity) : 10
- Toxicity to microorganisms : NOEC (Bacteria): < 0,1 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209
GLP: yes
Remarks: Fresh water

Resin acids and Rosin acids, potassium salts:

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): 5,4 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
GLP: yes
Remarks: Test results on an analogous product

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LC0 (Danio rerio (zebra fish)): 2,5 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
GLP: yes
Remarks: Test results on an analogous product

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia): 36 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: yes
Remarks: Test results on an analogous product

NOEC (Daphnia): 10 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: yes
Remarks: Test results on an analogous product

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (microalgae)): > 1.000 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes
Remarks: Fresh water
Test results on an analogous product

NOEC (Pseudokirchneriella subcapitata (microalgae)): 1.000 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes
Remarks: Fresh water
Test results on an analogous product

Toxicity to microorganisms : EC50 (activated sludge): > 10.000 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209
GLP: yes
Remarks: Fresh water
Test results on an analogous product

Resin acids and Rosin acids, sodium salts:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 5,4 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
GLP: yes
Remarks: Fresh water

LC0 (Danio rerio (zebra fish)): 2,5 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
GLP: yes
Remarks: Fresh water

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- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia): 36 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: yes
Remarks: Fresh water
- NOEC (Daphnia): 10 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: yes
Remarks: Fresh water
- Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (microalgae)): > 1.000 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes
Remarks: Fresh water
- NOEC (Pseudokirchneriella subcapitata (microalgae)): 1.000 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes
Remarks: Fresh water
- Toxicity to microorganisms : EC50 (adapted and activated sludge micro-organism): > 10.000 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209
GLP: yes
Remarks: Fresh water
- Phenothiazine:**
- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 0,597 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
- NOEC (Oncorhynchus mykiss (rainbow trout)): 0,225 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,154 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
- NOEC (Daphnia magna (Water flea)): 0,062 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
- Toxicity to algae : NOEC (Desmodesmus subspicatus (green algae)): 0,66 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

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GLP: yes
Remarks: Fresh water

M-Factor (Acute aquatic toxicity) : 1

Toxicity to microorganisms : EC50 (activated sludge): > 100 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209
GLP: yes
Remarks: Fresh water

Persistence and degradability**Components:****Tetraethylthiuram disulfide:**

Biodegradability : anaerobic
Concentration: 2 mg/l
Result: Not readily biodegradable.
Biodegradation: 20 %
Exposure time: 28 d
Method: OECD Test Guideline 301D
GLP: yes

Resin acids and Rosin acids, potassium salts:

Biodegradability : aerobic
Inoculum: adapted and activated sludge micro-organism
Concentration: 13,7 mg/l
Result: Readily biodegradable.
Biodegradation: 80 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
GLP: yes
Remarks: Test results on an analogous product

Resin acids and Rosin acids, sodium salts:

Biodegradability : aerobic
Concentration: 13,7 mg/l
Result: Readily biodegradable.
Biodegradation: 80 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
GLP: yes

Phenothiazine:

Biodegradability : aerobic
Concentration: 2 mg/l
Result: Not readily biodegradable.
Biodegradation: 0 %
Exposure time: 28 d
Method: OECD Test Guideline 301D

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GLP: yes

Bioaccumulative potential**Components:****Tetraethylthiuram disulfide:**

Partition coefficient: n-octanol/water : log Pow: 3,88
Method: calculated

Resin acids and Rosin acids, potassium salts:

Bioaccumulation : Bioconcentration factor (BCF): 56,2

Partition coefficient: n-octanol/water : log Pow: 3 - 6
Method: OECD Test Guideline 117

Resin acids and Rosin acids, sodium salts:

Bioaccumulation : Bioconcentration factor (BCF): 56,2

Partition coefficient: n-octanol/water : log Pow: 3,5 - 5,8
Method: OECD Test Guideline 117

Phenothiazine:

Partition coefficient: n-octanol/water : log Pow: 3,78
Method: OECD Test Guideline 117

Mobility in soil**Components:****Tetraethylthiuram disulfide:**

Distribution among environmental compartments : Koc: 3,9 - 4,2

Other adverse effects**Product:**

Additional ecological information : The product is practically insoluble in water. In view of its consistency and insolubility in water, no ecological problems are to be expected if the product is properly handled. This product is not readily biodegradable.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Authorization Act : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classi-

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fied as a hazardous waste. (40 CFR 261.20-24)

Waste from residues : The generation of waste should be avoided or minimized wherever possible.
Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.
This material and its container must be disposed of in a safe way.
Empty containers retain product residue; observe all precautions for product.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

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 : No SARA Hazards

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.

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US State Regulations**Massachusetts Right To Know**

Tetraethylthiuram disulfide	97-77-8
Talc (non-asbestos form)	14807-96-6

Pennsylvania Right To Know

Polychloroprene	9010-98-4
Tetraethylthiuram disulfide	97-77-8
Talc (non-asbestos form)	14807-96-6

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

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

REACH	: Not in compliance with the inventory
TSCA	: On TSCA Inventory
DSL	: All components of this product are on the Canadian DSL
CH INV	: On the inventory, or in compliance with the inventory
NZIoC	: Not in compliance with the inventory
ISHL	: Not in compliance with the inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

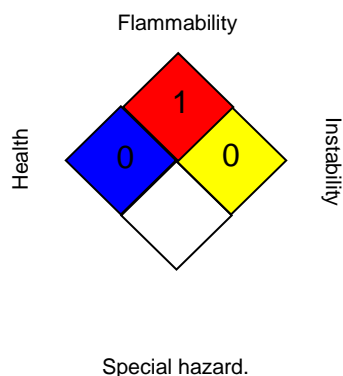
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SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
 OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
 ACGIH / TWA : 8-hour, time-weighted average
 OSHA Z-3 / TWA : 8-hour time weighted average

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 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

SAFETY DATA SHEET



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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

Revision Date : 30.01.2020

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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