

SAFETY DATA SHEET

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

Product: MIXLAND+® SD 75 GA

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SDS No.: 100091-100 (Version 5.0)

Date 12.01.2021 (Cancel and replace : 27.08.2019)

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Identification of the mixture: MIXLAND+® SD 75 GA

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture :

Sector of use :	Product category :
Manufacture of General Rubber Goods SU11: Manufacture of rubber products	PC32: Polymer preparations and compounds

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

E-mail address : Exposure scenario reachsubstance@mlpc-intl.com

1.4. Emergency telephone number

+1-703-741-5970 CHEMTREC international emergency phone number (ARKEMA CCN830055)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008):

 Skin sensitisation, 1, H317
 Long-term (chronic) aquatic hazard, 2, H411

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:

5,5'-Dithiodi-1,3,4-thiadiazole-2(3H)-thione

Hazard pictograms:



Signal word:

Warning

Hazard statements:

 H317 : May cause an allergic skin reaction.
 H411 : Toxic to aquatic life with long lasting effects.

Precautionary statements:

Prevention:

P261 : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P272 : Contaminated work clothing should not be allowed out of the workplace.
 P280 : Wear protective gloves.
 P273 : Avoid release to the environment.

Response:

P302 + P352 : IF ON SKIN: Wash with plenty of water.
 P333 + P313 : If skin irritation or rash occurs: Get medical advice/ attention.
 P321 : Specific treatment (see supplemental first aid instructions on this label).
 P362 + P364 : Take off contaminated clothing and wash it before reuse.
 P391 : Collect spillage.

Disposal:

P501 : Dispose of contents or container to an approved waste disposal plant.

Additional information: Rubber accelerator

2.3. Other hazards : None.**Other:**

Results of PBT and vPvB assessment : According to REACH regulation, annex XIII, this mixture contains no substance meeting PBT and vPvB criteria.

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
5,5'-Dithiodi-1,3,4-thiadiazole-2(3H)-thione (01-2120119820-64-0001)	276-763-0	72676-55-2	Approximately 75 %	Skin Sens. 1; H317 Aquatic Chronic 2; H411
Distillates (petroleum), hydrotreated light paraffinic (01-2119487077-29) (N° ANNEX: 649-468-00-3)	265-158-7	64742-55-8	14,5 - 16,5 %	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 -

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/effects, acute and delayed: No data available.

4.3. **Indication of immediate medical attention and special treatment needed, if necessary:** No data available.

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.

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.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Exposure Limit Values Not relevant

Derived No Effect Level (DNEL): 5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

End Use	Inhalation	Ingestion	Skin contact
Workers	3,29 mg/m ³ (LT, SE)		0,93 mg/kg (LT, SE)
Consumers	0,58 mg/m ³ (LT, SE)	0,17 mg/kg (LT, SE)	0,33 mg/kg (LT, SE)

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

Predicted No Effect Concentration: 5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

Compartment:	Value:
Fresh water	0,003 mg/l
Marine water	0,0003 mg/l
Fresh water sediment	0,039 mg/kg
Marine sediment	0,0039 mg/kg
Sewage treatment plant	0,31 mg/l
Soil	0,006 mg/kg
Water (Intermittent release)	0,003 mg/l

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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:

Physical state (20°C): solid
Form: granules
Colour: yellow-orange
Odour: No data available.
Olfactory threshold: No data available.
pH: No data available.
Melting point/freezing point : 164,5 °C Active ingredient
Boiling point/boiling range: No data available.
Flash point: None.
Evaporation rate: No data available.
Flammability (solid, gas): No data available.
Vapour pressure: No data available.
Vapour density: No data available.
Density: 1,4 - 1,5 g/cm³
Water solubility: No data available.
Partition coefficient: n-octanol/water: 5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :
 log Kow : 1,46 (OECD Test Guideline 107)
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: No data available.
Explosive properties:
 Explosivity: Not explosive
Oxidizing properties: No data available.

9.2. **Other data:** None.

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

11. TOXICOLOGICAL INFORMATION

All available 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 toxicological effects:

Acute toxicity:

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

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

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

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

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

• In animals : No mortality/Rat: 2.000 mg/kg (Method: OECD Test Guideline 420)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

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

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

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

• In animals : No mortality/Rabbit: 2.000 mg/kg (Method: OECD Test Guideline 402)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

• 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.

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

• In animals : No skin irritation (OECD Test Guideline 404, Rabbit)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

• 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.

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

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

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

• 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.

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

• In animals : Skin sensitizer (Method: OECD Test Guideline 429 LLNA: Local Lymph Node Assay, Mouse)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

• In animals : Not a skin sensitizer (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

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

Ames test in vitro: Inactive (Method: OECD Test Guideline 471)
In vitro mammalian cell gene mutation test: Active (Method: OECD Test Guideline 476)
in vitro mammalian cell micronucleus test: Inactive (Method: OECD Test Guideline 487)

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

Ames test in vitro: Inactive (Method: OECD Test Guideline 471)
In vitro test for chromosomal abnormalities on CHO cells: Inactive (Method: OECD Test Guideline 473)
In vitro gene mutations test on mammalian cells: Inactive (Method: OECD Test Guideline 476)

In vivo

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

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.

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

According to its composition :, Not carcinogenic.

Reproductive toxicity:

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

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

• In animals : Reproductive/Developmental Effects Screening Assay: No toxicity to reproduction
NOAEL (Parental toxicity) : 1 g/kg
NOAEL (Fertility) : 1 g/kg
(Method: OECD Test Guideline 421, Rat, By oral route)

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

• In animals : Reproductive/Developmental Effects Screening Assay: No effects on reproduction parameters
NOAEL (Parental toxicity) : 100 mg/kg bw/day
NOAEL (Fertility) : > 300 mg/kg bw/day
(Method: OECD Test Guideline 422, Rat, By oral route)

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

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

• In animals : 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.

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :

• In animals : By inhalation: No effect is reported.
NOAEL= > 1 mg/l (Rat, 4 Weeks) (Aerosol)
dermal route: No effect is reported.
NOAEL= > 2g/kg bw/d (Method: OECD Test Guideline 411, Rat, 3 months)
By oral route: (Results obtained on a similar product).
Target organs: Reproductive organs, Stomach, Liver, Thymus, NOAEL= < 125 mg/kg (Method: OECD Test Guideline 408, Rat, 3 months)

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :

• In animals : By oral route: Target organs: Kidney, NOAEL= 100 mg/kg, LOAEL= 300 mg/kg (Method: OECD Test Guideline 422, Rat, 28 d)

Aspiration hazard:

Not relevant

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.

The data below are related to the pure substance.

Short-term (acute) aquatic hazard : Toxic to aquatic life.

Long-term (chronic) aquatic hazard : Toxic to aquatic life with long lasting effects.

12.1. Acute toxicity :

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

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :
96 h (Pimephales promelas (fathead minnow)) (Method: OECD Test Guideline 203) No effect up to the limit of solubility

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: Toxic to daphnia.**

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :
EC50, 48 h (Daphnia magna (Water flea)) : 3 mg/l (Method: OECD Test Guideline 202)

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: Harmful to algae.**

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :
ErC50, 72 h (Pseudokirchneriella subcapitata (green algae)) : 20 mg/l (Method: OECD Test Guideline 201)

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:

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :
EC10, 3 h (Activated sludge) : 3,1 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:**Aquatic invertebrates:**

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:

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :
ErC10, 72 h (Pseudokirchneriella subcapitata (green algae)) : 9,4 mg/l (Method: OECD Test Guideline 201)

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.**

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :
Not readily biodegradable.: 0 % after 28 d (Method: OECD Test Guideline 301 B)

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DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC :
Not readily biodegradable.: 4 % after 28 d (Method: OECD Test Guideline 301 B)

12.3. Bioaccumulative potential :

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

5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE :
Partition coefficient: n-octanol/water: log Kow : 1,46 (Method: OECD Test Guideline 107)

12.4. Mobility in soil - Distribution among environmental compartments: No data available.

12.5. Results of PBT and vPvB assessment :

According to REACH regulation, annex XIII, this mixture contains no substance meeting PBT and vPvB criteria.

12.6. Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment:

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).

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. (5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE)	9	9	III	yes	
ADN	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE)	9	9	III	yes	
RID	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE)	9	9	III	yes	
IATA Cargo	3077	Environmentally hazardous substance, solid, n.o.s. (5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione)	9	9MI	III	yes	
IATA Passenger	3077	Environmentally hazardous substance, solid, n.o.s. (5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione)	9	9MI	III	yes	
IMDG	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (5,5'-DITHIODI-1,3,4-THIADIAZOLE-2(3H)-THIONE)	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. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

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): Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified [complex combination of hydrocarbons obtained by trea
EU. REACH, Annex XVII, Appendix 1, Entry 28 - Carcinogens: Category 1B (CLP Table 3 of Anx VI). (Reg. 1907/2006/EC): Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified [complex combination of hydrocarbons obtained by trea

15.2. Chemical safety assessment: None.

INVENTORIES:

EINECS:	Conforms to
TSCA:	Conforms to
DSL:	All components of this product are on the Canadian DSL
IECSC (CN):	Conforms to
ENCS (JP):	Conforms to
ISHL (JP):	Conforms to
KECI (KR):	Conforms to
PICCS (PH):	The mixture contains a polymer. All the monomers for this polymer & other substances are listed on the inventory, Consult Arkema.
AICS:	Conforms to
NZIOC:	Conforms to

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.
H411	Toxic to aquatic life with long lasting effects.

Update:

Safety datasheet sections which have been updated:		Type:
Exposure scenario	one or more exposure scenario have been changed: see dates and versions	Additions
1	1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING, Emergency telephone number	Revisions
12	12. ECOLOGICAL INFORMATION	Revisions

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).

