



# SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

## EDAPTIS

Revision date 11-Sep-2024

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Product Code(s)

HRB05523-40

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

## EDAPTIS

#### Other means of identification

Pure substance/mixture Mixture

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

Recommended use Herbicide; Professional use  
Uses advised against No information available

### 1.3. Details of the supplier of the safety data sheet

#### Supplier

ADAMA Agricultural Solutions SRL  
București, Sector 1, Piața Presei Libere nr. 3-5, City Gate Building North Tower, etajul 12.  
Tel: 021 307 76 12  
Fax: 021 272 00 15

#### For further information, please contact

E-mail address SDS@ADAMA.COM

### 1.4. Emergency telephone number

Emergency Telephone Spitalul Clinic de Urgență București  
Calea Floreasca nr. 8, sector 1, Bucuresti  
Nr. tel. apelabil permanent (24h/7z): 021 5992300  
e-mail: ati\_2@urgentafloreasca.ro

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Carcinogenicity	Category 2 - (H351)
Reproductive toxicity	Category 2 - (H361)
Acute aquatic toxicity	Category 1 - (H400)
Chronic aquatic toxicity	Category 1 - (H410)

### 2.2. Label elements

#### Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Contains Pinoxaden, 2-tert-butyl-4-methoxyphenol

**Hazard pictograms****Signal word**

Warning

**Hazard statements**

H351 - Suspected of causing cancer  
 H361 - Suspected of damaging fertility or the unborn child  
 H410 - Very toxic to aquatic life with long lasting effects

**Precautionary Statements**

P102 - Keep out of reach of children  
 P201 - Obtain special instructions before use  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P501 - Dispose of contents/ container to an approved waste disposal plant

**EU Specific Hazard Statements**

EUH401 - To avoid risks to human health and the environment, comply with the instructions for use  
 EUH208 - Contains ( pinoxaden ). May produce an allergic reaction

**Additional phrases for PPP**

SP1 - Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

**2.3. Other hazards****PBT & vPvB**

The product does not contain any substance(s) classified as PBT or vPvB.

**Endocrine Disruptor Information**

None known.

**Persistent Organic Pollutants**

Not applicable.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	CAS No	EC No	Index No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	REACH Registration Number
Pinoxaden	243973-20-8	-	607-726-00-2	5 - 8	Repr. 2 (H361d) Acute Tox. 4 (H302) Acute Tox. 4 (H332) Eye Irrit. 2 (H319)		M=1 ATE (inhalation) = 4.63 mg/L (dusts/mists) ATE (oral) = 500 mg/kg	No data available

					Skin Sens. 1A (H317) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)			
2-tert-butyl-4-methoxy phenol	121-00-6	204-442-7		5 - 8	Skin Irrit.2 (H315) Eye Irrit.2 (H319) Carc.2 (H351) Repr.2 (H361) Aquatic Chronic 2(H411)			01-211995068 6-26-0000
Mefenpyr diethyl	135590-91-9	603-923-2		1 - 4	Aquatic Chronic 2 (H411)			01-211948014 6-39-0003
Mesosulfuron-methyl	208465-21-8	-	607-729-00-9	1 - 4	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	M=100 M= 100		No data available

Acute toxicity estimates (ATEs) according to Part 3 of Annex VI to Regulation (EC) No 1272/2008 are indicated in this table, if available

Full text of H- and EUH-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). First aider: Pay attention to self-protection.
<b>Inhalation</b>	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. If symptoms persist, call a physician.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** No information available.

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store locked up. The product should not be stored at temperatures above 40 °C.

### 7.3. Specific end use(s)

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

#### **Personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

#### **Hand protection**

Suitable chemical resistant gloves (EN 374) also with prolonged, direct contact (recommendation: protection index 6, corresponding > 480 minutes Permeability time (permeation) according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm).

#### **Skin and body protection**

Use suitable protective clothing and equipment if required, such as safety goggles certified to EN 166, gloves certified to EN 374, protective boots certified to EN 13832, and/or a water repellent woven coverall with 65% polyester and 35 % cotton.

#### **Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

#### **General hygiene considerations**

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

#### **Environmental exposure controls**

Local authorities should be advised if significant spillages cannot be contained.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

<u>Property</u>	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
<b>Appearance</b>			
Physical state	: liquid		
Color	: Off-white		
Odor	: No information available		
Odor threshold	: No data available		
pH	: 4.7 - 5.7	CIPAC MT 75.3	1 %
Melting point / freezing point °C	: No data available		
Boiling point / boiling range °C	: No data available		
Flash point °C	: > 95	EEC A.9	
Evaporation rate	: No data available		

<b>Flammability (solid, gas)</b>	:	Not applicable	
<b>Upper/lower flammability or explosive limits</b>	:	No data available	
<b>Vapor pressure kPa</b>	:	No data available	
<b>Vapor density</b>	:	No data available	
<b>Relative density</b>	:	0.9 - 1.1	EEC A.3
<b>Solubility(ies) mg/l</b>	:	No data available	
<b>Partition coefficient Log Pow</b>	:		See Section 12 for additional Ecological Information
<b>Autoignition temperature °C</b>	:	416	EEC A.15
<b>Decomposition temperature °C</b>	:	No data available	
<b>Kinematic viscosity mm<sup>2</sup>/s 40 °C</b>	:	149.5	OECD 114
<b>Surface tension</b>	:	No data available	
<b>Particle Size</b>	:	Not applicable	

## 9.2. Other information

**Bulk density g/ml** : Not applicable

### 9.2.1. Information with regard to physical hazard classes

**Explosive properties** : Not an explosive  
**Oxidizing properties** : Not oxidizing

### 9.2.2. Other safety characteristics

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No information available.

### 10.2. Chemical stability

**Stability** Stable under normal conditions.

#### Explosion data

**Sensitivity to mechanical impact** None.  
**Sensitivity to static discharge** None.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### 10.4. Conditions to avoid

**Conditions to avoid** None known based on information supplied.

### 10.5. Incompatible materials

**Incompatible materials** None known based on information supplied.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known based on information supplied.

## SECTION 11: Toxicological information

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

**Acute toxicity**

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Oral LD50 mg/kg	: > 2000	Rat	OECD 423	Maximum attainable concentration
Dermal LD50 mg/kg	: > 2000	Rat	OECD 402	
Inhalation LC50 mg/l	: 3.92	Rat	OECD 403	
Skin corrosion/irritation	: Non-irritating to the skin	Rabbit	OECD 404	
Serious eye damage/eye irritation	: Not irritating to eyes	Rabbit	OECD 405	
Sensitization	: Not a skin sensitizer	Mouse	OECD 429	

**Chronic toxicity****Germ cell mutagenicity****Chemical name**

Pinoxaden	: Not classified
Mefenpyr diethyl	: Not classified
Mesosulfuron-methyl	: Not classified

**Carcinogenicity****Chemical name**

Pinoxaden	: Not Carcinogenic
2-tert-butyl-4-methoxyphenol	: H351 - Suspected of causing cancer
Mefenpyr diethyl	: Not Carcinogenic
Mesosulfuron-methyl	: Not Carcinogenic

**Reproductive toxicity****Chemical name**

Pinoxaden	: H361d - Suspected of damaging the unborn child
2-tert-butyl-4-methoxyphenol	: H361 - Suspected of damaging fertility or the unborn child
Mefenpyr diethyl	: Not toxic for the reproductive system
Mesosulfuron-methyl	: Not toxic for the reproductive system

**STOT - Single Exposure****Chemical name**

Pinoxaden	: H335 - May cause respiratory irritation
Mefenpyr diethyl	: No data available
Mesosulfuron-methyl	: Not classified

**STOT - Repeated Exposure****Chemical name**

Pinoxaden	: Not classified
Mefenpyr diethyl	: No data available
Mesosulfuron-methyl	: Not classified

**Aspiration hazard****Chemical name**

Pinoxaden	: No data available
Mefenpyr diethyl	: No data available
Mesosulfuron-methyl	: No data available

**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**11.2.2. Other information**

Other adverse effects No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

<u>Acute toxicity</u>	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Fish 96-hour LC50 mg/l	: ----			No data available
Crustacea 48-hour EC50 mg/l	: 79.5	Daphnia magna	OECD 202	
Algae 72-hour EC50 mg/l	: 54.2	P. subcapitata	OECD 201	
Other plants EC50 mg/l	: 0.074	Lemna	OECD 221	

<u>Chronic aquatic toxicity</u>	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Fish NOEC mg/l	: No data available			
Crustacea NOEC mg/l	: No data available			
Algae NOEC mg/l	: 4.58	P.subcapitata	OECD 201	
Other plants NOEC mg/l	: 0.0147	Lemna	OECD 221	

### Terrestrial Toxicity

#### Birds Oral LD50 mg/kg

<u>Chemical name</u>	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Pinoxaden	: >2250	Bobwhite quail	EPA-OPPTS 850.2100	
Mefenpyr diethyl	: > 2000	Japanese quail		
Mesosulfuron-methyl	: > 2000	Bobwhite quail	EPA E 71-1	

#### Bees Oral LD50 µg/bee

<u>Chemical name</u>	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Pinoxaden	: > 200	Apis mellifera	OECD 213	
Mefenpyr diethyl	: > 900			
Mesosulfuron-methyl	: >105.6	Apis mellifera	OECD 213, 214	

### 12.2. Persistence and degradability

#### Abiotic Degradation

##### Water DT50 days

<u>Chemical name</u>	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Pinoxaden	: 14.9d	OECD 111	pH 7, 20 ° C
Mefenpyr diethyl	: ----		No data available
Mesosulfuron-methyl	: 43		

##### Soil DT50 days

<u>Chemical name</u>	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Pinoxaden	: < 1d - 2.3d		
Mefenpyr diethyl	: < 10		
Mesosulfuron-methyl	: 7.6d - 140d		20° C

#### Biodegradation

<u>Chemical name</u>	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Pinoxaden	: Not readily biodegradable		
Mefenpyr diethyl	: No data available		
Mesosulfuron-methyl	: Not readily biodegradable		

### 12.3. Bioaccumulative potential

#### Partition Coefficient (n-octanol/water) Log Pow

<u>Chemical name</u>	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Pinoxaden	: 3.2	EEC A.10	
Mefenpyr diethyl	: 3.83	OECD 107	
Mesosulfuron-methyl	: -0.48	OECD 107	

**Bioconcentration factor (BCF)****Chemical name**

Pinoxaden	: ---	No data available
Mefenpyr diethyl	: ---	No data available
Mesosulfuron-methyl	: ---	No data available

**12.4. Mobility in soil****Adsorption/Desorption**

<b>Chemical name</b>	<b>Values</b>	<b>Method</b>	<b>Remarks</b>
Pinoxaden	: ---		No data available
Mefenpyr diethyl	: ---		No data available
Mesosulfuron-methyl	: ---		No data available

**12.5. Results of PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

<b>Waste from residues/unused products</b>	Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Improper disposal or reuse of this container may be dangerous and illegal.
<b>Other information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

**National Regulations**

• National legislation on waste disposal  
GD 128/2002 on the incineration of waste, modified and completed by GD 268/2005;LAW 211/2011 on Waste Management;GD 856/2002 on the waste management record and on the approval of the list of wastes, including hazardous wastes;National legislation on disposal of contaminated packagingLAW 249/2015 on how to handle packaging and packaging waste

**SECTION 14: Transport information****ADR**

<b>14.1 UN number</b>	UN3082
<b>14.2 UN proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s. (Mesosulfuron-methyl, Pinoxaden)
<b>14.3 Transport hazard class(es)</b>	9
<b>14.4 Packing group</b>	III
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mesosulfuron-methyl, Pinoxaden), 9, III, (-)
<b>14.5 Environmental hazard</b>	Yes
<b>14.6 Special Precautions for Users</b>	
<b>Special Provisions</b>	274, 335, 601, 375
<b>Classification code</b>	M6
<b>Tunnel restriction code</b>	(-)

**RID**

<b>14.1 UN number</b>	UN3082
<b>14.2 UN proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s. (Mesosulfuron-methyl, Pinoxaden)
<b>14.3 Transport hazard class(es)</b>	9

<b>14.4 Packing group</b>	III
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mesosulfuron-methyl, Pinoxaden), 9, III
<b>Environmental hazard</b>	Yes
<b>Special Precautions for Users</b>	
<b>14.5 Environmental hazard</b>	Yes
<b>14.6 Special Precautions for Users</b>	
<b>Special Provisions</b>	274, 335, 375, 601
<b>Classification code</b>	M6
<b>IMDG</b>	
<b>14.1 UN number</b>	UN3082
<b>14.2 UN proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s. (Mesosulfuron-methyl, Pinoxaden)
<b>14.3 Transport hazard class(es)</b>	9
<b>14.4 Packing group</b>	III
<b>Description</b>	UN3082, Environmentally hazardous substances, liquid, n.o.s. (Mesosulfuron-methyl, Pinoxaden), 9, III, Marine pollutant
<b>14.5 Environmental hazard</b>	Yes
<b>14.6 Special Precautions for Users</b>	
<b>14.5 Marine pollutant</b>	P
<b>Environmental hazard</b>	Yes
<b>14.6 Special Precautions for Users</b>	
<b>Special Provisions</b>	274, 335, 969
<b>EmS-No</b>	F-A, S-F
<b>IMDG Stowage and segregation</b>	Category A No information available
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	No information available

<b>IATA</b>	
<b>14.1 UN number</b>	UN3082
<b>14.2 UN proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s. (Mesosulfuron-methyl, Pinoxaden)
<b>14.3 Transport hazard class(es)</b>	9
<b>14.4 Packing group</b>	III
<b>Description</b>	UN3082, Environmentally hazardous substances, liquid, n.o.s. (Mesosulfuron-methyl, Pinoxaden), 9, III
<b>14.5 Environmental hazard</b>	Yes
<b>14.6 Special Precautions for Users</b>	
<b>Special Provisions</b>	A97, A158, A197
<b>ERG Code</b>	9L



\* Note: UN3077 & UN3082 – These products may be transported as non-dangerous goods under the special provisions of IMDG Code 2.10.2.7; ADR SP375 and ICAO/IATA A197 when packed in single or inner packaging of up to 5L for liquids or 5 kg or less for solids

**SECTION 15: Regulatory information**

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

Trade name / designation	Registration Number(s)	Date
Not Applicable RO National Regulation	Not Applicable National legislation on the classification and labeling of plant protection productsno. No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the	Not Applicable

market and repealing Council Directives 79/117 / EEC and 91/414 / EEC; Regulation no. (EC) No 1272/2008 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC, and amending Regulation (EC) 1907/2006; GD no. 1559/2004 on the procedure for the approval of plant protection products for placing on the market and their use on the territory of Romania; HG 1218/2006 privind stabilirea cerințelor minime de securitate și sănătate în muncă pentru asigurarea protecției lucrătorilor împotriva riscurilor legate de prezența agenților chimici.; GD no. 735/2006 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints, varnishes and in vehicle refinishing products.

### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

### Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

### Persistent Organic Pollutants

Not applicable

## 15.2. Chemical safety assessment

### Chemical Safety Report

A risk assessment was performed according to directive (EC) No. 91/414 or according to regulation (EC) No. 1107/2009

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed  
 H315 - Causes skin irritation  
 H317 - May cause an allergic skin reaction  
 H319 - Causes serious eye irritation  
 H332 - Harmful if inhaled  
 H335 - May cause respiratory irritation  
 H351 - Suspected of causing cancer  
 H361 - Suspected of damaging fertility or the unborn child  
 H361d - Suspected of damaging the unborn child  
 H400 - Very toxic to aquatic life  
 H410 - Very toxic to aquatic life with long lasting effects  
 H411 - Toxic to aquatic life with long lasting effects  
 H412 - Harmful to aquatic life with long lasting effects

#### Legend

SVHC: Substances of Very High Concern for Authorization:

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Revision date 11-Sep-2024

**Reason for revision**

Section 2

**Abbreviations and acronyms**

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CAS Number - Chemical Abstracts Service number  
EC Number - EINECS and ELINCS Number  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
OECD - Organization for Economic Co-operation and Development  
PBT - Persistent, Bioaccumulative and Toxic substance  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
STOT - Specific Target Organ Toxicity  
vPvB - Very Persistent and Very Bioaccumulative

**Classification according to Regulation (EC) No. 1272/2008 [CLP]****Classification of the mixture**

H351 - Suspected of causing cancer  
H361 - Suspected of damaging fertility or the unborn child  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

**Classification procedure**

Classification based on Calculation method  
Classification based on Calculation method  
Classification based on test data  
Classification based on test data

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Disclaimer**

**The information provided in this 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.**

**End of Safety Data Sheet**