

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Date of issue: 09/09/2015 Revision date: : Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Product name : Appendix IX Mix 3
Product code : AL0-101491
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Laboratory Use Industrial/Professional use spec : Industrial

For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Phenova

6390 Joyce Dr. Suite 100

80403 Golden, CO - United States T 1-866-942-2978 - F 1-866-283-0269

info@phenova.com - www.phenova.com

1.4. Emergency telephone number

Emergency number : ChemTel Assistance (US/Canada) 1-800-255-3924

ChemTel Assistance (International) +1 813-248-0585

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

 Flam. Liq. 2
 H225

 Acute Tox. 4 (Oral)
 H302

 Acute Tox. 4 (Dermal)
 H312

 Acute Tox. 4 (Inhalation)
 H332

 Carc. 1A
 H350

 Aquatic Chronic 3
 H412

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.1; R45

F; R11

E; R3

Xn; R20/21/22

N; R51/53

R19

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)







GHS02 GHS07 GHS08

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Signal word (CLP) : Danger
Hazardous ingredients : phenacetin

Hazard statements (CLP) : H225 - Highly flammable liquid and vapor

H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled

H350 - May cause cancer

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking

P233 - Keep container tightly closed

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P308+P313 - IF exposed or concerned: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse

P403+P235 - Store in a well-ventilated place. Keep cool

EUH phrases : EUH208 - Contains atrazine(1912-24-9), ethyl methacrylate(97-63-2), 1,4-naphthoquinone(130-

15-4), quintozene(82-68-8). May produce an allergic reaction

EUH019 - May form explosive peroxides

No labeling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Methylene Chloride (Component)	(CAS No) 75-09-2 (EC no) 200-838-9 (EC index no) 602-004-00-3	96.8	Carc. 2, H351
Aramite (Component)	(CAS No) 140-57-8	0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
atrazine (Component)	(CAS No) 1912-24-9 (EC no) 217-617-8 (EC index no) 613-068-00-7	0.1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
diphenyl (Component)	(CAS No) 92-52-4 (EC no) 202-163-5 (EC index no) 601-042-00-8	0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
caprolactam (Component) substance with a Community workplace exposure limit	(CAS No) 105-60-2 (EC no) 203-313-2 (EC index no) 613-069-00-2	0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
chlorobenzilate (Component)	(CAS No) 510-15-6 (EC no) 208-110-2 (EC index no) 607-159-00-0	0.1	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1-chloronaphthalene (Component)	(CAS No) 90-13-1 (EC no) 201-967-3	0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
di-allate (Component)	(CAS No) 2303-16-4 (EC no) 218-961-1 (EC index no) 006-019-00-0	0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,6-dichlorophenol (Component)	(CAS No) 87-65-0 (EC no) 201-761-3	0.1	Skin Corr. 1B, H314 Aquatic Chronic 2, H411
1,4-dioxane (Component)	(CAS No) 123-91-1 (EC no) 204-661-8 (EC index no) 603-024-00-5	0.1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H335

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Diphenyl Ether (Component)	(CAS No) 101-84-8 (EC no) 202-981-2	0.1	STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ethyl methacrylate (Component)	(CAS No) 97-63-2 (EC no) 202-597-5 (EC index no) 607-071-00-2	0.1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335
ethyl methanesulfonate (Component)	(CAS No) 62-50-0 (EC no) 200-536-7	0.1	Acute Tox. 4 (Oral), H302 Carc. 1B, H350
hexachloropropene (Component)	(CAS No) 1888-71-7 (EC no) 217-560-9	0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
isodrin (Component)	(CAS No) 465-73-6 (EC no) 207-366-2 (EC index no) 602-050-00-4	0.1	Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410
chlordecone (Component)	(CAS No) 143-50-0 (EC no) 205-601-3 (EC index no) 606-019-00-6	0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Carc. 2, H351 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
3-methylcholanthrene (Component)	(CAS No) 56-49-5 (EC no) 200-276-4	0.1	Carc. 1B, H350
methyl methanesulfonate (Component)	(CAS No) 66-27-3 (EC no) 200-625-0	0.1	Acute Tox. 3 (Oral), H301 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 1B, H350 STOT SE 3, H335
1,4-naphthoquinone (Component)	(CAS No) 130-15-4 (EC no) 204-977-6	0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335
4-Nitroquinoline N-oxide (Component)	(CAS No) 56-57-5 (EC no) 200-281-1	0.1	Acute Tox. 2 (Oral), H300
pentachlorobenzene (Component)	(CAS No) 608-93-5 (EC no) 210-172-0 (EC index no) 602-074-00-5	0.1	Flam. Sol. 1, H228 Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
quintozene (Component)	(CAS No) 82-68-8 (EC no) 201-435-0 (EC index no) 609-043-00-5	0.1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
phenacetin (Component)	(CAS No) 62-44-2 (EC no) 200-533-0	0.1	Carc. 1A, H350 STOT RE 1, H372
propyzamide (Component)	(CAS No) 23950-58-5 (EC no) 245-951-4 (EC index no) 616-055-00-4	0.1	Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
safrole (Component)	(CAS No) 94-59-7 (EC no) 202-345-4 (EC index no) 605-020-00-9	0.1	Acute Tox. 4 (Oral), H302 Muta. 2, H341 Carc. 1B, H350
1,2,4,5-tetrachlorobenzene (Component)	(CAS No) 95-94-3 (EC no) 202-466-2	0.1	Aquatic Chronic 2, H411
1,3,5-trinitrobenzene (Component)	(CAS No) 99-35-4 (EC no) 202-752-7 (EC index no) 609-005-00-8	0.1	Expl. 1.1, H201 Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
pentachloroethane	(CAS No) 76-01-7 (EC no) 200-925-1 (EC index no) 602-017-00-4	0.1	Carc. 2, H351 STOT RE 1, H372 Aquatic Chronic 2, H411
Name	Product identifier	Specific	concentration limits
pentachloroethane	(CAS No) 76-01-7 (EC no) 200-925-1 (EC index no) 602-017-00-4		< 1) STOT RE 2, H373 TOT RE 1, H372

SECTION 4: First aid measures

4.1. Description of first aid measures

: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention. First-aid measures general

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First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a poison center or doctor/physician. Wash with plenty of soap and water.

Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON

CENTER or doctor/physician if you feel unwell.

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

Symptoms/injuries after inhalation : May cause cancer by inhalation.

Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant

health hazard. Harmful in contact with skin.

Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapor.

Explosion hazard : May form flammable/explosive vapor-air mixture. Heat may build pressure, rupturing closed

containers, spreading fire and increasing risk of burns and injuries. May form explosive

peroxides.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment. DO NOT fight fire when fire

reaches explosives. Evacuate area.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up in absorbent material. Collect spillage.

reuse.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable. Hazardous waste

due to potential risk of explosion.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep

away from sources of ignition - No smoking.

Hygiene measures : Do not eat, drink or smoke when using this product. Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond

container and receiving equipment.

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Storage conditions : Keep in fireproof place. Keep container tightly closed. Keep container tightly closed and in a

well-ventilated place. Keep away from any flames or sparking source.

Incompatible products : Oxidizing agent.

Incompatible materials : Direct sunlight. Heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Either local exhaust or general room ventilation is usually required.

Personal protective equipment : Avoid all unnecessary exposure. Gloves. Protective clothing. Protective goggles. Safety

glasses.







Hand protection : Wear chemically resistant protective gloves. Wear suitable gloves resistant to chemical

penetration.

Eye protection : Chemical goggles or safety glasses. Safety glasses.

Skin and body protection : Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin

contact.

Respiratory protection : Wear appropriate mask.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical propertie

Physical state : Liquid Color Colorless. Odor characteristic. рΗ No data available Melting point No data available Freezing point No data available **Boiling point** : No data available : No data available Flash point Auto-ignition temperature No data available Decomposition temperature : No data available

Flammability (solid, gas) : Highly flammable liquid and vapor

Relative density : No data available Solubility : No data available

Explosive properties : May form explosive peroxides.

Oxidizing properties : No data available Explosion limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions

Reacts vigorously with strong oxidizers and acids.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Heat. Sparks. Overheating.

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10.5. Incompatible materials			
Oxidizing agent.			
10.6. Hazardous decomposition productsMay release flammable gases. May form explosive	10.6. Hazardous decomposition products May release flammable gases. May form explosive peroxides.		
SECTION 11: Toxicological information	on		
11.1. Information on toxicological effects			
Acute toxicity	: Oral: Harmful if swallowed. Dermal: Harmful in contact with skin. Inhalation: Harmful if inhaled.		
Appendix IX Mix 3			
ATE CLP (oral)	500.000 mg/kg body weight		
ATE CLP (dermal)	1100.000 mg/kg body weight		
ATE CLP (gases)	4500.000 ppmV/4h		
ATE CLP (vapors)	11.000 mg/l/4h		
ATE CLP (dust, mist)	1.500 mg/l/4h		
Aramite (140-57-8)			
LD50 oral rat	3900 mg/kg (Rat)		
ATE CLP (oral)	3900.000 mg/kg body weight		
atrazine (1912-24-9)			
LD50 oral rat	672 mg/kg (Rat)		
LD50 dermal rat	7500 mg/kg (Rat)		
LC50 inhalation rat (mg/l)	5.2 mg/l/4h (Rat)		
ATE CLP (oral)	672.000 mg/kg body weight		
ATE CLP (dermal)	7500.000 mg/kg body weight		
ATE CLP (vapors)	5.200 mg/l/4h		
ATE CLP (dust, mist)	5.200 mg/l/4h		
diphenyl (92-52-4)			
LD50 oral rat	3280 mg/kg (Rat)		
LD50 dermal rabbit	2500 mg/kg (Rabbit)		
ATE CLP (oral)	3280.000 mg/kg body weight		
ATE CLP (dermal)	2500.000 mg/kg body weight		
caprolactam (105-60-2)			
LD50 oral rat	1210 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value; 1475 mg/kg bodyweight; Rat; Equivalent or similar to OECD 401; Experimental value; 1876 mg/kg bodyweight; Rat)		
LD50 dermal rat	> 2000 mg/kg (Rat; Experimental value; Other)		
LD50 dermal rabbit	1438 mg/kg (Rabbit)		
ATE CLP (oral)	1210.000 mg/kg body weight		
ATE CLP (dermal)	1438.000 mg/kg body weight		
ATE CLP (gases)	4500.000 ppmV/4h		
ATE CLP (vapors)	11.000 mg/l/4h		
ATE CLP (dust, mist)	1.500 mg/l/4h		
chlorobenzilate (510-15-6)			
LD50 oral rat	700 mg/kg (Rat)		
LD50 dermal rat	> 10000 mg/kg (Rat)		
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)		
ATE CLP (oral)	700.000 mg/kg body weight		
1-chloronaphthalene (90-13-1)	1-chloronaphthalene (90-13-1)		
LD50 oral rat	1540 mg/kg (Rat)		
ATE CLP (oral)	1540.000 mg/kg body weight		
di-allate (2303-16-4)			
LD50 oral rat	395 mg/kg (Rat)		
LD50 dermal rabbit	2000 mg/kg (Rabbit)		
ATE CLP (oral)	395.000 mg/kg body weight		
ATE CLP (dermal)	2000.000 mg/kg body weight		
2,6-dichlorophenol (87-65-0)			
LD50 oral rat	2940 mg/kg (Rat; Weight of evidence)		
ATE CLP (oral)	2940.000 mg/kg body weight		

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1,4-dioxane (123-91-1)	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	7600 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	51 mg/l/4h (Rat)
LC50 inhalation rat (ppm)	14250 ppm/4h (Rat)
ATE CLP (dermal)	7600.000 mg/kg body weight
ATE CLP (gases)	14250.000 ppmV/4h
ATE CLP (vapors)	51.000 mg/l/4h
ATE CLP (dust, mist)	51.000 mg/l/4h
Diphenyl Ether (101-84-8)	
LD50 oral rat	3370 mg/kg (Rat)
LD50 dermal rat	4000 mg/kg (Rat)
LD50 dermal rabbit	> 7940 mg/kg (Rabbit)
ATE CLP (oral)	3370.000 mg/kg body weight
ATE CLP (dermal)	4000.000 mg/kg body weight
ethyl methacrylate (97-63-2)	
LD50 oral rat	14800 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	38 mg/l/4h (Rat)
LC50 inhalation rat (mg/l)	8300 ppm/4h (Rat)
ATE CLP (oral)	14800.000 mg/kg body weight
ATE CLP (oral) ATE CLP (gases)	8300.000 ppmV/4h
ATE CLP (gases) ATE CLP (vapors)	38.000 mg/l/4h
ATE CLP (dust, mist)	38.000 mg/l/4h
	36.000 Hig/l/4H
ethyl methanesulfonate (62-50-0)	
ATE CLP (oral)	500.000 mg/kg body weight
isodrin (465-73-6)	
LD50 oral rat	7.0 mg/kg (Rat)
LD50 dermal rat	23 mg/kg (Rat)
ATE CLP (oral)	7.000 mg/kg body weight
ATE CLP (dermal)	23.000 mg/kg body weight
ATE CLP (gases)	100.000 ppmV/4h
ATE CLP (vapors)	0.500 mg/l/4h
ATE CLP (dust, mist)	0.050 mg/l/4h
chlordecone (143-50-0)	
LD50 oral rat	95 mg/kg (Rat)
LD50 dermal rabbit	345 mg/kg (Rabbit)
ATE CLP (oral)	95.000 mg/kg body weight
ATE CLP (dermal)	345.000 mg/kg body weight
methyl methanesulfonate (66-27-3)	
LD50 oral rat	225 mg/kg (Rat)
ATE CLP (oral)	225.000 mg/kg body weight
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1,4-naphthoquinone (130-15-4)	400 m s/km (Det. Firm minn artel colors)
LD50 dormal rat	190 mg/kg (Rat; Experimental value)
LD50 dermal rat	202 mg/kg (Rat; Experimental value)
ATE CLP (darmal)	190.000 mg/kg body weight
ATE CLP (dermal)	202.000 mg/kg body weight
4-Nitroquinoline N-oxide (56-57-5)	
LD50 oral rat	12.6 mg/kg Subcutaneous
ATE CLP (oral)	12.600 mg/kg body weight
pentachlorobenzene (608-93-5)	
LD50 oral rat	1080 mg/kg (Rat)
ATE CLP (oral)	1080.000 mg/kg body weight
7.12 02. (0.0.)	
quintozene (82-68-8)	1100 mg/kg (Rat)
quintozene (82-68-8) LD50 oral rat	1100 mg/kg (Rat) 4000 mg/kg (Rat)
quintozene (82-68-8) LD50 oral rat LD50 dermal rat	4000 mg/kg (Rat)
quintozene (82-68-8) LD50 oral rat	

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phenacetin (62-44-2)		
LD50 oral rat	> 1000 mg/kg (Rat)	
propyzamide (23950-58-5)		
LD50 oral rat	3350 mg/kg (Rat)	
LD50 dermal rat	> 3160 mg/kg (Rat)	
ATE CLP (oral)	3350.000 mg/kg body weight	
safrole (94-59-7)		
LD50 oral rat	1950 mg/kg (Rat)	
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)	
ATE CLP (oral)	1950.000 mg/kg body weight	
1,2,4,5-tetrachlorobenzene (95-94-3)		
LD50 oral rat	3105 mg/kg (Rat)	
ATE CLP (oral)	3105.000 mg/kg body weight	
1,3,5-trinitrobenzene (99-35-4)		
LD50 oral rat	275 mg/kg (Rat)	
ATE CLP (oral)	5.000 mg/kg body weight	
ATE CLP (dermal)	5.000 mg/kg body weight	
ATE CLP (gases)	100.000 ppmV/4h	
ATE CLP (vapors)	0.500 mg/l/4h	
ATE CLP (dust, mist)	0.050 mg/l/4h	
Methylene Chloride (75-09-2)		
LD50 oral rat	> 2000 mg/kg (Rat; Literature study)	
LD50 dermal rabbit	> 2000 mg/kg (Rabbit; Literature study)	
Skin corrosion/irritation	: Not classified	
	Based on available data, the classification criteria are not met	
Serious eye damage/irritation	: Not classified	
	Based on available data, the classification criteria are not met	
Respiratory or skin sensitization	: Not classified	
	Based on available data, the classification criteria are not met	
Germ cell mutagenicity	: Not classified	
•	Based on available data, the classification criteria are not met	
Carcinogenicity	: May cause cancer.	
,	May cause cancer	
Reproductive toxicity	: Not classified	
reproductive toxicity	Based on available data, the classification criteria are not met	
Specific target organ toxicity (single exposure)	: Not classified	
specific target organ toxicity (single exposure)		
	Based on available data, the classification criteria are not met	
Specific target organ toxicity (repeated	: Not classified	
exposure)	Based on available data, the classification criteria are not met	
Aspiration hazard	: Not classified	
	Based on available data, the classification criteria are not met	
Potential Adverse human health effects and symptoms	: Harmful if swallowed. Harmful in contact with skin.	

SECTION 12: Ecological information

12. I. TOXICILY		
Ecology - water	: Harmful to aquatic life with long lasting effects.	
Aramite (140-57-8)		
LC50 fish 1	0.32 mg/l (LC50; 96 h)	
EC50 Daphnia 1	0.16 mg/l (EC50; 48 h)	
atrazine (1912-24-9)		
EC50 Daphnia 1	36.5 mg/l (EC50; 48 h)	
LC50 fish 2	4.5 - 8.8 mg/l (LC50; 96 h)	
diphenyl (92-52-4)		
LC50 fish 1	1.5 mg/l (LC50; 96 h; Salmo gairdneri)	
EC50 Daphnia 2	0.36 mg/l (LC50; 48 h)	
Threshold limit algae 2	1.28 mg/l (EC50; 3 h)	
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_caprolactam (105-60-2)	
EC50 Daphnia 1	> 1000 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
Threshold limit algae 2	> 1000 mg/l (ErC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)
chlorobenzilate (510-15-6)	
EC50 other aquatic organisms 1	0.6 mg/l (48 h; Simocephalus serrulatis; Young)
1-chloronaphthalene (90-13-1)	
LC50 fish 1	2.3 mg/l (LC50; 96 h; Lepomis macrochirus)
EC50 Daphnia 1	1.6 mg/l (LC50; 48 h)
Threshold limit algae 1	0.1 mg/l (EC0; 96 h)
2,6-dichlorophenol (87-65-0)	
LC50 fish 1	6.4 mg/l (LC50; 96 h; Oryzias latipes)
EC50 Daphnia 1	3.4 mg/l (EC50; 48 h; Daphnia magna)
Threshold limit algae 2	9.7 mg/l (EC50; 96 h; Chlorella vulgaris)
1,4-dioxane (123-91-1)	3 (, /
EC50 Daphnia 1	8450 mg/l (EC50; 24 h)
LC50 fish 2	13000 mg/l (LC50; 96 h)
Threshold limit algae 2	5600 mg/l (EC0; 192 h)
<u> </u>	
Diphenyl Ether (101-84-8)	4.7 mg// // C50: 06 h. Lanamia magyashiwa)
LC50 fish 1	1.7 mg/l (LC50; 96 h; Lepomis macrochirus)
EC50 Daphnia 1	0.68 mg/l (EC50; 48 h)
Threshold limit algae 1	1.7 mg/l (EC50; 96 h)
isodrin (465-73-6)	
LC50 fish 1	0.006 mg/l (LC50; 96 h)
chlordecone (143-50-0)	
LC50 fish 1	0.036 mg/l (LC50; 96 h)
EC50 Daphnia 1	0.260 mg/l (EC50; 48 h)
Threshold limit algae 1	0.35 mg/l (EC50; 168 h)
phenacetin (62-44-2)	
LC50 fish 1	335 mg/l (LC50; 48 h)
propyzamide (23950-58-5)	
EC50 other aquatic organisms 1	3.4 mg/l (120 h; Skeletonema costatum)
	o. r mgr (120 ti, okolokorioma odotatam)
1,3,5-trinitrobenzene (99-35-4)	0.50 mg/l /l 050, 00 h)
LC50 fish 1 EC50 Daphnia 1	0.52 mg/l (LC50; 96 h) 2.7 mg/l (EC50; 48 h)
Threshold limit algae 1	0.1 mg/l (EC0; 120 h)
<u> </u>	0.1 mg/l (EC0, 120 m)
Methylene Chloride (75-09-2)	
LC50 fish 1	193 mg/l (LC50; 96 h; Pimephales promelas)
EC50 Daphnia 1	168.2 mg/l (EC50; 48 h)
pentachloroethane (76-01-7)	
LC50 fish 1	7.0 mg/l (LC50; 96 h; Lepomis macrochirus)
EC50 other aquatic organisms 1	134 mg/l (96 h; Selenastrum capricornutum; Cell numbers)
12.2. Persistence and degradability	
Appendix IX Mix 3	
Persistence and degradability	May cause long-term adverse effects in the environment.
Aramite (140-57-8)	
Persistence and degradability	Biodegradability in water: no data available.
•	
atrazine (1912-24-9)	Not readily higheredeble in water. Diadogradability in sails as data sysilable
Persistence and degradability	Not readily biodegradable in water. Biodegradability in soil: no data available.
diphenyl (92-52-4)	
Persistence and degradability	Readily biodegradable in water. Forming sediments in water.
Biochemical oxygen demand (BOD)	1.08 g O□ /g substance
ThOD	3.01 g O□ /g substance
BOD (% of ThOD)	0.36

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Coording to regulation (EO) No. 1507/2000 (NEAO)	, , ,
caprolactam (105-60-2)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil.
Biochemical oxygen demand (BOD)	0.6 g O□ /g substance (20 D)
Chemical oxygen demand (COD)	0.03 g O□ /g substance (KMnO4)
chlorobenzilate (510-15-6)	
Persistence and degradability	Not readily biodegradable in water.
1-chloronaphthalene (90-13-1)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Biodegradability in soil: no data available. Adsorbs into the soil. Photodegradation in the air.
di-allate (2303-16-4)	
Persistence and degradability	Not readily biodegradable in water.
2,6-dichlorophenol (87-65-0)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Biodegradable in the soil.
r croisteries and degradability	Biodegradable in the soil under anaerobic conditions. Adsorbs into the soil.
BOD (% of ThOD)	0.148 (3 h)
1,4-dioxane (123-91-1)	
Persistence and degradability	Not readily biodegradable in water. Non degradable in the soil. Photooxidation in the air.
Biochemical oxygen demand (BOD)	0 g O□ /g substance
ThOD	1.8 g O□ /g substance
BOD (% of ThOD)	0
Diphenyl Ether (101-84-8)	
Persistence and degradability	Poodily biodogradable in water. Adeaths into the sail
9 7	Readily biodegradable in water. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	1.68 - 2.0 g O□ /g substance
Chemical oxygen demand (COD)	2.19 - 2.5 g O□ /g substance
ThOD	2.63 g O□ /g substance
BOD (% of ThOD)	0.72
ethyl methacrylate (97-63-2)	
Persistence and degradability	Biodegradable in water.
ethyl methanesulfonate (62-50-0)	
Persistence and degradability	Biodegradability in water: no data available.
hexachloropropene (1888-71-7)	
Persistence and degradability	Biodegradability in soil: no data available.
<u> </u>	Diodog. addomy in commo adda arandom
isodrin (465-73-6)	No. 1911 Annual Property of the Control of the Cont
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Non degradable in the soil. Photodegradation in the air.
_chlordecone (143-50-0)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Adsorbs into the soil.
3-methylcholanthrene (56-49-5)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Adsorbs into the soil.
methyl methanesulfonate (66-27-3)	, , ,
	Riodegradability in water: no data available
Persistence and degradability	Biodegradability in water: no data available.
1,4-naphthoquinone (130-15-4)	
Persistence and degradability	Biodegradability in soil: no data available.
Biochemical oxygen demand (BOD)	0.81 g O□ /g substance
ThOD	2.125 g O□ /g substance
BOD (% of ThOD)	0.381
pentachlorobenzene (608-93-5)	
Persistence and degradability	Not readily biodegradable in water. Biodegradability in soil: no data available.
phenacetin (62-44-2)	
Persistence and degradability	Not readily biodegradable in water.
propyzamide (23950-58-5)	
Persistence and degradability	Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photodegradation in the air.
safrole (94-59-7)	
	Biodegradability in water: no data available.
Persistence and degradability	

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101511 11 1 (05010)	
1,2,4,5-tetrachlorobenzene (95-94-3)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Adsorbs into the soil.
1,3,5-trinitrobenzene (99-35-4)	
Persistence and degradability	Not readily biodegradable in water.
Methylene Chloride (75-09-2)	
Persistence and degradability	Not readily biodegradable in water. Biodegradable in the soil.
pentachloroethane (76-01-7)	
Persistence and degradability	Not readily biodegradable in water.
12.3. Bioaccumulative potential	
Appendix IX Mix 3	
Bioaccumulative potential	Not established.
·	Not established.
Aramite (140-57-8)	100
Log Pow	4.82
Bioaccumulative potential	Bioaccumable.
atrazine (1912-24-9)	
BCF fish 1	3 - 4 (BCF)
BCF fish 2	3 - 10 (BCF)
BCF other aquatic organisms 1	52 (BCF; 24 h)
BCF other aquatic organisms 2	10 - 83 (BCF)
Log Pow	2.64
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
diphenyl (92-52-4)	
BCF fish 1	437 (BCF)
BCF other aquatic organisms 1	540 (BCF; 24 h; Chlorella sp.)
Log Pow	3.16 - 4.09
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).
_caprolactam (105-60-2)	
BCF other aquatic organisms 1	< 1 (BCF; Other)
Log Pow	0.12 (Experimental value; Equivalent or similar to OECD 107; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
chlorobenzilate (510-15-6)	
BCF fish 1	224 - 709 (BCF)
Log Pow	4.74
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
1-chloronaphthalene (90-13-1)	
BCF fish 1	142 - 403 (BCF)
Log Pow	3.5
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
2,6-dichlorophenol (87-65-0)	
BCF fish 1	4.1 - 20 (BCF; 8 weeks; Cyprinus carpio)
Log Pow	2.57 - 3.33 (Literature)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
1,4-dioxane (123-91-1)	
BCF fish 1	0.2 - 0.7 (BCF)
Log Pow	-0.27 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
Diphenyl Ether (101-84-8)	
BCF fish 1	49 - 594 (BCF)
BCF fish 2	195 - 470 (BCF; 168 h)
Log Pow	4.20
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
ethyl methacrylate (97-63-2)	·
BCF fish 1	5 - 18 (BCF)
Log Pow	1.94
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

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ethyl methanesulfonate (62-50-0)	
Bioaccumulative potential	No bioaccumulation data available.
hexachloropropene (1888-71-7)	
Bioaccumulative potential	No bioaccumulation data available.
isodrin (465-73-6)	
Log Pow	6.75 (Estimated value)
Bioaccumulative potential	Bioaccumable.
chlordecone (143-50-0)	
BCF fish 1	1100 - 2200 (BCF)
BCF fish 2	1548 - 1211 (BCF)
BCF other aquatic organisms 1	8 - 698 (BCF)
BCF other aquatic organisms 2	230 - 800 (BCF)
Log Pow	3.78 - 6.08
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).
3-methylcholanthrene (56-49-5)	
Log Pow	6.42
Bioaccumulative potential	Bioaccumable.
methyl methanesulfonate (66-27-3)	
Bioaccumulative potential	No bioaccumulation data available.
1,4-naphthoquinone (130-15-4)	
Log Pow	1.71 - 1.78
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
pentachlorobenzene (608-93-5)	
BCF fish 1	3000 (BCF; 72 h)
BCF fish 2	6840 (BCF)
BCF other aquatic organisms 1	16000 (BCF)
BCF other aquatic organisms 2	4000 (BCF; 24 h)
Log Pow	4.88 - 5.69
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000).
quintozene (82-68-8)	
Log Pow	4.64 - 4.89
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).
phenacetin (62-44-2)	
BCF fish 1	<<3/<30,BCF
Log Pow	1.58 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
propyzamide (23950-58-5)	
BCF other aquatic organisms 1	6-20,BCF
BCF other aquatic organisms 1 Log Pow	3.43 (Experimental value)
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential	
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7)	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500).
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow	3.43 (Experimental value)
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3)	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value)
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF)
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF)
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF)
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF) 4.5 - 4.98
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow Bioaccumulative potential	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF)
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow Bioaccumulative potential 1,3,5-trinitrobenzene (99-35-4)	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF) 4.5 - 4.98 High potential for bioaccumulation (BCF > 5000).
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow Bioaccumulative potential 1,3,5-trinitrobenzene (99-35-4) Log Pow	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF) 4.5 - 4.98 High potential for bioaccumulation (BCF > 5000).
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow Bioaccumulative potential 1,3,5-trinitrobenzene (99-35-4) Log Pow Bioaccumulative potential	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF) 4.5 - 4.98 High potential for bioaccumulation (BCF > 5000).
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow Bioaccumulative potential 1,3,5-trinitrobenzene (99-35-4) Log Pow Bioaccumulative potential Methylene Chloride (75-09-2)	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF) 4.5 - 4.98 High potential for bioaccumulation (BCF > 5000).
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow Bioaccumulative potential 1,3,5-trinitrobenzene (99-35-4) Log Pow Bioaccumulative potential Methylene Chloride (75-09-2) BCF fish 1	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF) 4.5 - 4.98 High potential for bioaccumulation (BCF > 5000).
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow Bioaccumulative potential 1,3,5-trinitrobenzene (99-35-4) Log Pow Bioaccumulative potential Methylene Chloride (75-09-2) BCF fish 1 Log Pow	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF) 4.5 - 4.98 High potential for bioaccumulation (BCF > 5000). 1.18 Low potential for bioaccumulation (Log Kow < 4). 2 - 40 (BCF) 1.25 (Experimental value)
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow Bioaccumulative potential 1,3,5-trinitrobenzene (99-35-4) Log Pow Bioaccumulative potential Methylene Chloride (75-09-2) BCF fish 1 Log Pow Bioaccumulative potential	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF) 4.5 - 4.98 High potential for bioaccumulation (BCF > 5000).
BCF other aquatic organisms 1 Log Pow Bioaccumulative potential safrole (94-59-7) Log Pow 1,2,4,5-tetrachlorobenzene (95-94-3) BCF fish 1 BCF fish 2 BCF other aquatic organisms 1 Log Pow Bioaccumulative potential 1,3,5-trinitrobenzene (99-35-4) Log Pow Bioaccumulative potential Methylene Chloride (75-09-2) BCF fish 1 Log Pow	3.43 (Experimental value) Low potential for bioaccumulation (BCF < 500). 3.45 (Estimated value) 13000 (BCF) 1650 - 4830 (BCF) > 5012 (BCF) 4.5 - 4.98 High potential for bioaccumulation (BCF > 5000). 1.18 Low potential for bioaccumulation (Log Kow < 4). 2 - 40 (BCF) 1.25 (Experimental value)

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pentachloroethane (76-01-7)		
BCF fish 2	67 (BCF; 336 h)	
Log Pow	2.89 - 3.67 (Experimental value)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
12.4. Mobility in soil		
atrazine (1912-24-9)		
Ecology - soil	Toxic to flora. Not toxic to bees.	
caprolactam (105-60-2)		
Log Koc	log Koc,Other; 1.76; Calculated value	
chlorobenzilate (510-15-6)		
Ecology - soil	Not toxic to bees. May be harmful to plant growth, blooming and fruit formation.	
di-allate (2303-16-4)		
Ecology - soil	Not toxic to bees.	
1,4-dioxane (123-91-1)		
Surface tension	0.037 N/m (20 °C)	
Diphenyl Ether (101-84-8)		
Surface tension	0.04 N/m (30 °C)	
isodrin (465-73-6)		
Ecology - soil	Soil contaminant.	
Methylene Chloride (75-09-2)		
Surface tension	0.028 N/m (20 °C)	
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.	
12.5 Results of PRT and vPvB assessment		

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Handle empty containers with care because residual vapors are flammable. Hazardous waste

due to potential risk of explosion.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : 2929 UN-No. (IATA) : 2929

14.2. UN proper shipping name

Proper Shipping Name (ADR) : TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.

Proper Shipping Name (IATA) : TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.

Transport document description (ADR) : UN 2929 TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S., 6.1 (3), II, (D/E),

ENVIRONMENTALLY HAZARDOUS

14.3. Packing group

 Class (ADR)
 : 6.1

 Classification code (ADR)
 : TF1

 Class (IATA)
 : 6.1

 Subsidiary risks (ADR)
 : 3

 Hazard labels (ADR)
 : 6.1, 3



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Hazard labels (IATA) : 6.1, 3



14.4. Packing group

Packing group (ADR) : II Packing group (IATA) : II

14.5. Environmental hazards

Dangerous for the environment



Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 63 Classification code (ADR) : TF1

Orange plates :

63 2929

Special provision (ADR): 274Transport category (ADR): 2Tunnel restriction code (ADR): D/ELimited quantities (ADR): 100mlExcepted quantities (ADR): E4

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

CAO packing instructions (IATA) : 662 CAO max net quantity (IATA) : 60L : 654 PCA packing instructions (IATA) PCA Limited quantities (IATA) : Y641 PCA limited quantity max net quantity (IATA) : 1L : 5L PCA max net quantity (IATA) PCA Excepted quantities (IATA) : E4 Special provision (IATA) : A137 ERG code (IATA) : 6F

14.6.4. Inland waterway transport

Carriage prohibited (ADN) : No

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

15.1.2. National regulations

No additional information available

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

Regulation (EC) No 1907/2006.

Other information : None.

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