

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

1.1. Product identifier

Product form : Mixture
Product name : 8270 OP Pesticides Mix
Product code : AL0-101256
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
Use of the substance/mixture : Certified reference material for laboratory 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]

Acute Tox. 3 (Oral) H301
Acute Tox. 3 (Dermal) H311
Acute Tox. 4 (Inhalation) H332
Carc. 2 H351
Aquatic Acute 1 H400
Aquatic Chronic 3 H412

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

Carc.Cat.3; R40
F; R11
T; R25
Xn; R20/21
N; R50/53
R5

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) :



GHS06



GHS08



GHS09

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Signal word (CLP)	: Danger
Hazardous ingredients	: dimethoate, disulfoton, Famphur, methyl parathion, parathion, phorate, sulfotep, Zinphos, Methylene Chloride
Hazard statements (CLP)	: H301+H311 - Toxic if swallowed or in contact with skin H332 - Harmful if inhaled H351 - Suspected of causing cancer H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	: P260 - Do not breathe 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 P403+P235 - Store in a well-ventilated place. Keep cool P405 - Store locked up

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	98.2	Carc. 2, H351
dimethoate (Component)	(CAS No) 60-51-5 (EC no) 200-480-3 (EC index no) 015-051-00-4	0.2	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
disulfoton (Component)	(CAS No) 298-04-4 (EC no) 206-054-3 (EC index no) 015-060-00-3	0.2	Acute Tox. 1 (Oral), H300 Acute Tox. 1 (Dermal), H310 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
Famphur (Component)	(CAS No) 52-85-7 (EC no) 200-154-0	0.2	Acute Tox. 2 (Oral), H300 Acute Tox. 4 (Dermal), H312
methyl parathion (Component)	(CAS No) 298-00-0 (EC no) 206-050-1 (EC index no) 015-035-00-7	0.2	Flam. Liq. 3, H226 Acute Tox. 2 (Oral), H300 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 STOT RE 2, H373 Aquatic Acute 1, H400 (M=1000) Aquatic Chronic 1, H410
parathion (Component)	(CAS No) 56-38-2 (EC no) 200-271-7 (EC index no) 015-034-00-1	0.2	Acute Tox. 1 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 STOT RE 1, H372 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410
phorate (Component)	(CAS No) 298-02-2 (EC no) 206-052-2 (EC index no) 015-033-00-6	0.2	Acute Tox. 1 (Oral), H300 Acute Tox. 1 (Dermal), H310 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410
sulfotep (Component)	(CAS No) 3689-24-5 (EC no) 222-995-2 (EC index no) 015-027-00-3	0.2	Acute Tox. 1 (Oral), H300 Acute Tox. 1 (Dermal), H310 Aquatic Acute 1, H400 (M=1000) Aquatic Chronic 1, H410
Zinphos (Component)	(CAS No) 297-97-2 (EC no) 206-049-6 (EC index no) 015-112-00-5	0.2	Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Allow victim to breathe fresh air. Allow the victim to rest.

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- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Immediately call a poison center or doctor/physician. Remove/Take off immediately all contaminated clothing. 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. Immediately call a poison center or doctor/physician.

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

- Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.
- Symptoms/injuries after ingestion : Toxic if swallowed. 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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Heating may cause an explosion.

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 : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

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 : 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. 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. No open flames. 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 reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Proper grounding procedures to avoid static electricity should be followed.
- Storage conditions : Keep container closed when not in use. Keep in fireproof place. Keep container tightly closed and in a well-ventilated place. Keep away from any flames or sparking source.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

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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 properties

Physical state

: Liquid

Color

: Colorless.

Odor

: characteristic.

pH

: No data available

Melting point

: No data available

Freezing point

: No data available

Boiling point

: No data available

Flash point

: No data available

Auto-ignition temperature

: No data available

Decomposition temperature

: No data available

Flammability (solid, gas)

: Non flammable

Relative density

: No data available

Solubility

: No data available

Explosive properties

: Heating may cause an explosion.

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

Not established. Heating may cause an explosion. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Oral: Toxic if swallowed. Dermal: Toxic in contact with skin. Inhalation: Harmful if inhaled.

8270 OP Pesticides Mix	
ATE CLP (oral)	100.000 mg/kg body weight
ATE CLP (dermal)	300.000 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
dimethoate (60-51-5)	
LD50 oral rat	387 mg/kg (Rat)
LD50 dermal rat	> 400 mg/kg (Rat)
LD50 dermal rabbit	1000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 1.6 mg/l/4h (Rat)
ATE CLP (oral)	387.000 mg/kg body weight
ATE CLP (dermal)	1000.000 mg/kg body weight
disulfoton (298-04-4)	
LD50 oral rat	2.6 mg/kg (Rat)
LD50 dermal rat	6 mg/kg (Rat)
ATE CLP (oral)	2.600 mg/kg body weight
ATE CLP (dermal)	6.000 mg/kg body weight
Famphur (52-85-7)	
LD50 oral rat	28 mg/kg
LD50 dermal rabbit	1460 mg/kg
ATE CLP (oral)	28.000 mg/kg body weight
ATE CLP (dermal)	1460.000 mg/kg body weight
methyl parathion (298-00-0)	
LD50 oral rat	6 mg/kg (Rat)
LD50 dermal rat	67 mg/kg (Rat)
LD50 dermal rabbit	300 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	0.034 mg/l/4h (Rat)
ATE CLP (oral)	6.000 mg/kg body weight
ATE CLP (dermal)	67.000 mg/kg body weight
ATE CLP (gases)	100.000 ppmV/4h
ATE CLP (vapors)	0.034 mg/l/4h
ATE CLP (dust, mist)	0.034 mg/l/4h
parathion (56-38-2)	
LD50 oral rat	2 mg/kg (Rat)
LD50 dermal rat	73 mg/kg (Rat)
LD50 dermal rabbit	40 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	0.03 mg/l/4h (Rat)
ATE CLP (oral)	2.000 mg/kg body weight
ATE CLP (dermal)	40.000 mg/kg body weight
ATE CLP (gases)	100.000 ppmV/4h
ATE CLP (vapors)	0.030 mg/l/4h
ATE CLP (dust, mist)	0.030 mg/l/4h
phorate (298-02-2)	
LD50 oral rat	1 mg/kg (Rat)
LD50 dermal rat	6.2 mg/kg (Rat)
LD50 dermal rabbit	99 mg/kg (Rabbit)
ATE CLP (oral)	1.000 mg/kg body weight
ATE CLP (dermal)	6.200 mg/kg body weight
sulfotep (3689-24-5)	
LD50 oral rat	5 mg/kg (Rat)
LD50 dermal rabbit	20 mg/kg (Rabbit)
ATE CLP (oral)	5.000 mg/kg body weight
ATE CLP (dermal)	20.000 mg/kg body weight

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Zinophos (297-97-2)	
LD50 oral rat	6.4 mg/kg (Rat)
LD50 dermal rat	8 mg/kg (Rat)
ATE CLP (oral)	6.400 mg/kg body weight
ATE CLP (dermal)	8.000 mg/kg body weight
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	: Suspected of causing cancer. May cause cancer
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified 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	: Toxic if swallowed. Toxic in contact with skin.
SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - water	: Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.
dimethoate (60-51-5)	
LC50 fish 1	4.65 mg/l (96 h; Cyprinus carpio; Technical product)
EC50 Daphnia 1	0.31 mg/l (384 h; Daphnia magna; Reproduction)
LC50 fish 2	6.2 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 2	4.7 mg/l (24 h; Daphnia magna)
Threshold limit algae 1	32 mg/l (96 h; Microcystis aeruginosa; No effect)
Threshold limit algae 2	30.5 mg/l (72 h; Selenastrum capricornutum; Growth rate)
disulfoton (298-04-4)	
LC50 fish 1	0.039 mg/l (96 h; Lepomis macrochirus)
LC50 other aquatic organisms 1	0.021 mg/l (96 h; Gammarus sp.)
LC50 fish 2	0.25 mg/l (96 h; Poecilia reticulata)
LC50 other aquatic organisms 2	0.038 mg/l (96 h; Palaemonetes sp.)
TLM fish 1	3.9 mg/l (24 h; Cyprinus carpio)
TLM other aquatic organisms 1	55.280 ppm (48 h; Mercenaria mercenaria; Eggs)
Threshold limit other aquatic organisms 1	0.021 mg/l (96 h; Gammarus sp.)
Threshold limit other aquatic organisms 2	0.038 mg/l (96 h; Palaemonetes sp.)
methyl parathion (298-00-0)	
LC50 fish 1	2.7 - 3.7 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1	0.00014 mg/l (48 h; Daphnia magna)
LC50 fish 2	4.3 - 5.7 mg/l (96 h; Lepomis macrochirus)
TLM fish 1	1.9 ppm (96 h; Lepomis macrochirus; Fresh water)
TLM fish 2	8.3 ppm (96 h; Pimephales promelas; Fresh water)
Threshold limit other aquatic organisms 1	0.0005 mg/l (Daphnia magna; Acute)
parathion (56-38-2)	
LC50 fish 1	0.065 mg/l (96 h; Lepomis macrochirus)

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parathion (56-38-2)	
EC50 Daphnia 1	0.0025 mg/l (48 h; Daphnia magna)
LC50 fish 2	0.75 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
TLM fish 1	1.6 ppm (96 h; Pimephales promelas)
Threshold limit algae 1	0.03 mg/l (Microcystis aeruginosa)
Threshold limit algae 2	0.39 mg/l (Scenedesmus quadricauda)
phorate (298-02-2)	
LC50 fish 1	0.0013 mg/l (96 h; Cyprinodon variegatus)
LC50 other aquatic organisms 1	0.0006 mg/l (96 h; Gammarus sp.)
LC50 fish 2	0.013 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
Threshold limit other aquatic organisms 1	0.0006 mg/l (96 h; Gammarus sp.)
Threshold limit algae 1	1.1 - 1.5, Skeletonema costatum; Growth
sulfotep (3689-24-5)	
LC50 fish 1	0.0016 mg/l (96 h; Lepomis macrochirus)
EC50 Daphnia 1	0.00023 mg/l (48 h; Daphnia magna)
LC50 fish 2	0.0036 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
Methylene Chloride (75-09-2)	
LC50 fish 1	193 mg/l (96 h; Pimephales promelas; Flow-through system)
EC50 Daphnia 1	168.2 mg/l (48 h; Daphnia magna)
LC50 fish 2	220 mg/l (96 h; Lepomis macrochirus; Flow-through system)
Threshold limit algae 1	1450 mg/l (192 h; Scenedesmus quadricauda; Cell numbers)
Threshold limit algae 2	550 mg/l (192 h; Microcystis aeruginosa)

12.2. Persistence and degradability

8270 OP Pesticides Mix	
Persistence and degradability	May cause long-term adverse effects in the environment.
dimethoate (60-51-5)	
Persistence and degradability	Not readily biodegradable in water. Biodegradable in the soil.
disulfoton (298-04-4)	
Persistence and degradability	Not readily biodegradable in water.
methyl parathion (298-00-0)	
Persistence and degradability	Not readily biodegradable in water. Adsorbs into the soil. Photolysis in the air.
parathion (56-38-2)	
Persistence and degradability	Biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil.
phorate (298-02-2)	
Persistence and degradability	Biodegradability in soil: no data available.
Zinophos (297-97-2)	
Persistence and degradability	Biodegradability in water: no data available. Biodegradability in soil: no data available.
Methylene Chloride (75-09-2)	
Persistence and degradability	Not readily biodegradable in water. Biodegradable in the soil.

12.3. Bioaccumulative potential

8270 OP Pesticides Mix	
Bioaccumulative potential	Not established.
dimethoate (60-51-5)	
BCF fish 1	< 1.6 (Cyprinus carpio; Test duration: 6 weeks)
Log Pow	0.78 - 2.71
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
disulfoton (298-04-4)	
Log Pow	3.81 (QSAR)
Bioaccumulative potential	Bioaccumable.
methyl parathion (298-00-0)	
Log Pow	2.86
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
parathion (56-38-2)	
BCF fish 1	335 (912 h; Gambusia affinis)
BCF fish 2	462 (72 h; Lepomis macrochirus)

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parathion (56-38-2)	
BCF other aquatic organisms 1	240 (999 h; Crassostrea sp.)
BCF other aquatic organisms 2	97 (792 h; Chlorophyta)
Log Pow	3.8
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

sulfotep (3689-24-5)	
Log Pow	3.99 (Experimental value)
Bioaccumulative potential	Bioaccumable.

Zinophos (297-97-2)	
Bioaccumulative potential	No bioaccumulation data available.

Methylene Chloride (75-09-2)	
BCF fish 1	2 - 40 (Cyprinus carpio; Test duration: 6 weeks)
Log Pow	1.25 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

dimethoate (60-51-5)	
Ecology - soil	Toxic to flora. Toxic to bees.

disulfoton (298-04-4)	
Ecology - soil	Toxic to bees.

methyl parathion (298-00-0)	
Ecology - soil	Not toxic to plants. Toxic to bees.

parathion (56-38-2)	
Surface tension	0.039 N/m (25 °C)
Ecology - soil	Toxic to bees.

phorate (298-02-2)	
Ecology - soil	Toxic to bees.

Zinophos (297-97-2)	
Ecology - soil	Not toxic to plants. Toxic to bees.

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 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 : Hazardous waste due to potential risk of explosion.
Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 2810
UN-No.(IATA) : 2810

14.2. UN proper shipping name

Proper Shipping Name (ADR) : TOXIC LIQUID, ORGANIC, N.O.S.
Proper Shipping Name (IATA) : TOXIC LIQUID, ORGANIC, N.O.S.
Proper Shipping Name (IMDG) : TOXIC LIQUID, ORGANIC, N.O.S.
Proper Shipping Name (ADN) : TOXIC LIQUID, ORGANIC, N.O.S.
Transport document description (ADR) : UN 2810 TOXIC LIQUID, ORGANIC, N.O.S. (dichloromethane(75-09-2)), 6.1, III, (E), ENVIRONMENTALLY HAZARDOUS

14.3. Packing group

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Class (ADR) : 6.1
Classification code (ADR) : T1
Class (IATA) : 6.1
Class (IMDG) : 6.1
Class (ADN) : 6.1
Hazard labels (ADR) : 6.1



Hazard labels (IATA) : 6.1



14.4. Packing group

Packing group (ADR) : III
Packing group (IATA) : III

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.) : 60
Classification code (ADR) : T1
Orange plates :



Special provision (ADR) : 274, 614
Transport category (ADR) : 2
Tunnel restriction code (ADR) : E
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

CAO packing instructions (IATA) : 663
CAO max net quantity (IATA) : 220L
PCA packing instructions (IATA) : 655
PCA Limited quantities (IATA) : Y642
PCA limited quantity max net quantity (IATA) : 2L
PCA max net quantity (IATA) : 60L
PCA Excepted quantities (IATA) : E1
Special provision (IATA) : A137
ERG code (IATA) : 6L

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

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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

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.

PHV SDS EU

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