



PP Captan 80 WG

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Reference number: ID. 162998
Issue date: 3/11/2008 Date of revision: 12/16/2020 Supersedes version of: 8/27/2019 Version: 5.3

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

1.1. Product identifier

Product form : Mixture
Name : CAPTAN 80 WG
Trade name : PP Captan 80 WG

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

1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use
Industrial/Professional use spec : Plant protection products
Use of the substance/mixture : Fungicide

1.2.2. Uses advised against

Restrictions on use : No known evidence against using

1.3. Details of the supplier of the safety data sheet

Arysta LifeScience SAS
BP 80 - Route d'Artix
64150 Nogueres - FRANCE
T +33 5 59 60 92 92 - F +33 5 59 60 92 99
sds.info@upl-ltd.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, category 1B	H317
Carcinogenicity, Category 2	H351
Hazardous to the aquatic environment — Acute Hazard, Category 1	H400
Full text of H statements : see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: Sodium dioctyl sulphosuccinate

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H351 - Suspected of causing cancer.

H400 - Very toxic to aquatic life.

Precautionary statements (CLP)

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 - Wear eye protection, face protection, protective clothing, protective gloves.

P363 - Wash contaminated clothing before reuse.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P391 - Collect spillage.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements

: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

2.3. Other hazards

Other hazards which do not result in classification : 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).

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Captan substance with national workplace exposure limit(s) (GB)	(CAS-No.) 133-06-2 (EC-No.) 205-087-0 (EC Index-No.) 613-044-00-6	≥ 80	Acute Tox. 3 (Inhalation), H331 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351 Aquatic Acute 1, H400 (M=10)
Aluminium silicate (Kaolin) substance with national workplace exposure limit(s) (IE, GB)	(CAS-No.) 1332-58-7 (EC-No.) 310-194-1	1 – 10	Not classified
Alkylated naphthalene sulfonate sodium salt	(CAS-No.) 68425-94-5	0,1 - 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Sodium dioctyl sulphosuccinate	(CAS-No.) 577-11-7 (EC-No.) 209-406-4 (REACH-no) 01-2119491296-29	0.1 – 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
disodium maleate	(CAS-No.) 371-47-1 (EC-No.) 206-738-1	≤1	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317 STOT SE 3, H335
2-ethylhexan-1-ol substance with national workplace exposure limit(s) (IE, GB); substance with a Community workplace exposure limit	(CAS-No.) 104-76-7 (EC-No.) 203-234-3 (REACH-no) 01-2119487289-20	<1	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
toluene substance with national workplace exposure limit(s) (IE, GB); substance with a Community workplace exposure limit	(CAS-No.) 108-88-3 (EC-No.) 203-625-9 (EC Index-No.) 601-021-00-3	< 0.1	Flam. Liq. 2, H225 Repr. 2, H361d Asp. Tox. 1, H304 STOT RE 2, H373 Skin Irrit. 2, H315 STOT SE 3, H336

Full text of H-statements: see section 16

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 you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
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.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after eye contact	: Causes serious eye damage.
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4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

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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

No additional information available

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 the environment.
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.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimise generation of dust. 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

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 vapour.
Hygiene measures : Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations. See Heading 15.1.2.: National regulations.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

toluene (108-88-3)

Ireland - Occupational Exposure Limits

Local name	Toluene
OEL TWA [1]	192 mg/m ³
OEL TWA [2]	50 ppm
OEL STEL	384 mg/m ³
OEL STEL [ppm]	100 ppm
Notes (IE)	Sk (Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body), IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2020

United Kingdom - Occupational Exposure Limits

Local name	Toluene
WEL TWA (OEL TWA) [1]	191 mg/m ³
WEL TWA (OEL TWA) [2]	50 ppm
WEL STEL (OEL STEL)	384 mg/m ³
WEL STEL (OEL STEL) [ppm]	100 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Aluminium silicate (Kaolin) (1332-58-7)

Ireland - Occupational Exposure Limits

Local name	Kaolin, respirable dust
OEL TWA [1]	2 mg/m ³
Regulatory reference	Chemical Agents Code of Practice 2020

United Kingdom - Occupational Exposure Limits

Local name	Kaolin
WEL TWA (OEL TWA) [1]	2 mg/m ³ respirable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Captan (133-06-2)

United Kingdom - Occupational Exposure Limits

Local name	Captan (ISO)
WEL TWA (OEL TWA) [1]	5 mg/m ³
WEL STEL (OEL STEL)	15 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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2-ethylhexan-1-ol (104-76-7)

Ireland - Occupational Exposure Limits

Local name	2-Ethylhexan-1-ol
OEL TWA [1]	5.4 mg/m ³
OEL TWA [2]	1 ppm
Notes (IE)	IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2020

United Kingdom - Occupational Exposure Limits

Local name	2-ethylhexan-1-ol
WEL TWA (OEL TWA) [1]	5.4 mg/m ³
WEL TWA (OEL TWA) [2]	1 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses.

8.2.2.2. Skin protection

Hand protection:

Wear protective gloves/protective clothing/eye protection/face protection.

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Granulate.
Colour	: Beige. Light brown.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
pH solution	: 8 – 8.6
Relative evaporation rate (butylacetate=1)	: Not applicable
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not applicable to solids
Auto-ignition temperature	: No data available
Decomposition temperature	: Not applicable
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: Not applicable
Density	: 0.803 g/ml Tap density
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

When exposed to heat, may decompose liberating hazardous gases.

10.2. Chemical stability

In use may form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

When heated to decomposition, emits dangerous fumes. Sulphur oxides. Chlorides. Phosgene.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified.

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LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg

Sodium dioctyl sulphosuccinate (577-11-7)

LD50 oral	3080 mg/kg
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toluene (108-88-3)

LD50 oral	5000 mg/kg
LD50 dermal rabbit	14100 mg/kg
LC50 Inhalation - Rat (Vapours)	12.5 mg/l/4h

Captan (133-06-2)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	≈ 1.16 mg/l/4h

2-ethylhexan-1-ol (104-76-7)

LD50 oral rat	2047 mg/kg
LD50 dermal rat	> 3000 mg/kg
LC50 Inhalation - Rat	1 – 4 mg/l/4h (Aerosol)
LC50 Inhalation - Rat (Vapours)	> 0.89 mg/l/4h (maximum attainable concentration - zero mortality)

Skin corrosion/irritation : Not classified
Additional information : Based on available data, the classification criteria are not met
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Additional information : Based on available data, the classification criteria are not met
Carcinogenicity : Suspected of causing cancer.

Reproductive toxicity : Not classified
Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : Not classified
Additional information : Based on available data, the classification criteria are not met

toluene (108-88-3)

STOT-single exposure	May cause drowsiness or dizziness.
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disodium maleate (371-47-1)

STOT-single exposure	May cause respiratory irritation.
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2-ethylhexan-1-ol (104-76-7)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met

Sodium dioctyl sulphosuccinate (577-11-7)

NOAEL (oral, rat, 90 days)	750 mg/kg bodyweight/day (OECD 408 method)
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toluene (108-88-3)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met

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Viscosity, kinematic	Not applicable
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Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met
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SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

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LC50 - Fish [1]	0.034 mg/l (Salmo sp)
EC50 - Crustacea [1]	3.4 mg/l Captan 83 WP. (Daphnia magna)
EC50 72h - Algae [1]	1.18 mg/l Captan 83 WP. ECb50 (Pseudokirchneriella subcapitata)

Sodium dioctyl sulphosuccinate (577-11-7)

LC50 - Fish [1]	49 mg/l (96h - Brachydanio rerio)
LC50 fish	17.3 mg/l (96h - Pimephales promelas)
EC50 - Crustacea [1]	6.6 mg/l (48h - Daphnia magna)
EC50 96h algae	> 100 mg/l (96h)
ErC50 algae	82.5 mg/l/72h (72h- Green Algae)

toluene (108-88-3)

EC50 - Crustacea [1]	3.78 mg/l
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Captan (133-06-2)

LC50 - Fish [1]	98 µg/l (Brown trout)
EC50 - Crustacea [1]	3.4 mg/l (83% WP formulation)

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EC50 72h - Algae [1]	1.6 mg/l (96h)
NOEC chronic fish	0.199 mg/l (Oncorhynchus mykiss)
NOEC chronic crustacea	0.56 mg/l (Daphnia magna)

2-ethylhexan-1-ol (104-76-7)

LC50 - Fish [1]	17.1 mg/l/96h (Leuciscus idus melanotus)
LC50 fish	28.2 mg/l/96h (Pimephales promelas)
EC50 - Crustacea [1]	39 mg/l/48h (Daphnia magna)
ErC50 algae	16.6 mg/l/72h (Scenedesmus subspicatus)
EbC50, algae	11.5 mg/l/72h (Scenedesmus subspicatus)

12.2. Persistence and degradability

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Persistence and degradability	Not readily biodegradable.
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Sodium dioctyl sulphosuccinate (577-11-7)

Persistence and degradability	Readily biodegradable. (OECD 310).
Biodegradation	> 60 % 14days

Captan (133-06-2)

Persistence and degradability	Not readily biodegradable.
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2-ethylhexan-1-ol (104-76-7)

Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential

PP Captan 80 WG

Bioaccumulative potential	Not established.
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Sodium dioctyl sulphosuccinate (577-11-7)

Partition coefficient n-octanol/water (Log Pow)	1.998 (20°C)
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toluene (108-88-3)

Partition coefficient n-octanol/water (Log Pow)	2.7
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Captan (133-06-2)

Partition coefficient n-octanol/water (Log Pow)	2.5 – 2.57
Partition coefficient n-octanol/water (Log Kow)	2.6

12.4. Mobility in soil

Captan (133-06-2)

Mobility in soil	medium
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12.5. Results of PBT and vPvB assessment

PP Captan 80 WG

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Results of PBT assessment

All constituents (>0.1%) do not clearly fulfil REACH PBT/vPvB criteria based on data lacking.

Component

Captan (133-06-2)

PBT: not relevant – no registration required
vPvB: not relevant – no registration required

12.6. Other adverse effects

Additional information

: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

: Dispose of in accordance with relevant local regulations. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do not discharge into drains or rivers. Dispose of contents/container in accordance with licensed collector's sorting instructions. Discharging into rivers and drains is forbidden.

Product/Packaging disposal recommendations

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

Additional information

: Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Recycle or dispose of in compliance with current legislation.

Ecology - waste materials

: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number		
UN 3077	UN 3077	UN 3077
14.2. UN proper shipping name		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ((Captan))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ((Captan))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ((Captan))
Transport document description		
UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ((Captan)), 9, III, (E)	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ((Captan)), 9, III, MARINE POLLUTANT	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ((Captan)), 9, III
14.3. Transport hazard class(es)		
9	9	9
		
14.4. Packing group		
III	III	III

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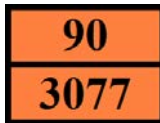
14.5. Environmental hazards

Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
Dangerous for the environment		

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: M7
Special provisions (ADR)	: 274, 335, 601, 375
Limited quantities (ADR)	: 5kg
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P002, IBC08, LP02, R001
Special packing provisions (ADR)	: PP12, B3
Mixed packing provisions (ADR)	: MP10
Portable tank and bulk container instructions (ADR)	: T1, BK1, BK2
Portable tank and bulk container special provisions (ADR)	: TP33
Tank code (ADR)	: SGAV, LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V13
Special provisions for carriage - Bulk (ADR)	: VC1, VC2
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code	: E
EAC code	: 2Z

Transport by sea

Special provisions (IMDG)	: 274, 335, 966, 967, 969
Limited quantities (IMDG)	: 5 kg
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P002, LP02
Special packing provisions (IMDG)	: PP12
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B3
Tank instructions (IMDG)	: T1, BK1, BK2, BK3
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A
Stowage and handling (IMDG)	: SW23
MFAG-No	: 171

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y956
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 956
PCA max net quantity (IATA)	: 400kg
CAO packing instructions (IATA)	: 956
CAO max net quantity (IATA)	: 400kg
Special provisions (IATA)	: A97, A158, A179, A197
ERG code (IATA)	: 9L

14.7. Transport in bulk according to Annex II of Marpol 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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Directive 2012/18/EU (SEVESO III)

Seveso Additional information

: Directive 2012/18/EU (SEVESO III)

E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

<E1_H400_H410>

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

Indication of changes:

Section	Changed item	Change	Comments
9.1	Density	Modified	
12.2	Persistence and degradability	Modified	

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling 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.

Full text of H- and EUH-statements:

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

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Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Dam. 1	H318	Calculation method
Skin Sens. 1B	H317	Expert judgment
Carc. 2	H351	Expert judgment
Aquatic Acute 1	H400	Expert judgment

Safety Data Sheet applicable for : IE - Ireland;GB - United Kingdom regions

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.