

CLAYTON PLANT PROTECTION

CLAYTON COMPLY Safety Data Sheet according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010. Version 3/dsc 06/09/2018. This version replaces all previous versions.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name : CLAYTON COMPLY (MAPP No 17702)

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

Use : Herbicide

1.3 Details of the supplier of the safety data sheet

Clayton Plant Protection Ltd., Bracetown Business Park, Clonee, Dublin15. Ireland.

Tel: (00 353) 1 8210127 www.cpp.ag Email: info@cpp.ag

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EU) 1272/2008

| | | | |
|--------------------------|------------|------|--|
| Aspiration hazard | Category 1 | H304 | May be fatal if swallowed and enters airways |
| Skin irritation | Category 2 | H315 | Causes skin irritation |
| Skin sensitization | Category 1 | H317 | May cause an allergic skin reaction |
| Eye irritation | Category 2 | H319 | Causes serious eye irritation |
| Acute aquatic toxicity | Category 1 | H400 | Very toxic to aquatic life |
| Chronic aquatic toxicity | Category 1 | H410 | Very toxic to aquatic life with long lasting effects |

Classification according to EU Directives 67/548/EEC or 1999/45/EC

2.2 Label elements

Labelling: Regulation (EC) No. 1272/2008

Hazard pictograms



Signal Word :Danger

Hazard Statements

:H304 May be fatal if swallowed and enters airways.
:H315 Causes skin irritation
:H317 May cause an allergic skin reaction.
:H319 Causes serious eye irritation
:H410 Very toxic to aquatic life with long lasting effects.

Precautions Statements

:P261 Avoid breathing dust, fumes, gas, mist, vapours, spray
:P280 Wear protective gloves/protective clothing/eye protection/ face protection
:P301/P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician
:P331 Do NOT induce vomiting.
:P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention
:P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
Supplemental Information :EUH401 To avoid risks to human health and the environment comply with the instructions for use.

2.3 Other hazards :

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures. Hazardous components

| Chemical Name | CAS No. EC No. Registration Number | Classification (REGULATION (EC) No. 1272/2008 | Concentration (%) |
|--------------------|---|--|-------------------|
| Prosulfocarb (ISO) | 52888-80-9 401-730-6 006-072-00-X | Acute Tox. 4; H302 Skin Sens. 1; H317 Aquatic acute 1; H400 Aquatic Chronic 2; H411 | >=70 - <90 |

CLAYTON PLANT PROTECTION

CLAYTON COMPLY Safety Data Sheet according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010. Version 3/dsc 06/09/2018. This version replaces all previous versions.

| | | | |
|--|---|--|------------|
| Solvent naphtha (petroleum), light arom. Low boiling point naphtha unspecified | 64742-95-6 265-199-0 649-356-00-4 01-2119455851-35 | Flam. Liq. 3; H226 STOT SE3; H335 STOT SE3; H336 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 | >=10 - <20 |
| Calcium dodecylbenzenesulphonate | 26264-06-2 247-557-8 01-2119560592-37 | Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic chronic 3, H412 | >=3 - <5 |
| 2-ethylhexan-1-ol | 104-76-7 203-234-3 01-2119487289-20 | Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 | >=1 - <3 |

For the full text of abbreviations see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- General advice** Have the product container, label or Material Safety Data Sheet with you when calling an emergency number, a poison control centre or physician, or going for treatment.
- Inhalation** Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or poison control centre immediately.
- Skin contact** Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.
- Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.
- Ingestion** If swallowed, seek medical advice immediately and show this container or label. Do **NOT** induce vomiting: Do NOT induce vomiting

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms** : Poisoning produces effects associated with anticholinesterase activity which may include:
Nausea Diarrhoea Vomiting

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment** : Consider taking venous blood for determination of blood cholinesterase activity (use heparin tube) Administer atropine sulphate as antidote. Since there is no therapeutic effect, the use of oxime preparations (or other cholinesterase reactivators) is contraindicated.
Do not induce vomiting: contains petroleum distillates and/or aromatic solvents.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media - small fires
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Extinguishing media - large fires
Use alcohol-resistant foam or water spray.
Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Flash back possible over considerable distance

5.3 Advice for fire-fighters:

Wear full protective clothing and self-contained breathing apparatus. Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8. Keep people away from and upwind of spill/leak. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Remove all sources of ignition. Pay attention to flashback.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean contaminated surface thoroughly. Clean with detergents. Avoid solvents. Retain and dispose of contaminated wash water.

CLAYTON PLANT PROTECTION

CLAYTON COMPLY Safety Data Sheet according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010. Version 3/dsc 06/09/2018. This version replaces all previous versions.

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.
Refer to disposal considerations listed in section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling : No special protective measures against fire required. Avoid contact with skin and eyes. When using do not eat, drink or smoke. For personal protection see section 8.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No special storage conditions required.
Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep out of the reach of children.
Keep away from food, drink and animal feeding stuffs.

7.3 Specific end use(s)

For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

| Components | CAS-No | Exposure limit(s) | Type of exposure limit | Source |
|---|-------------|-------------------------------|------------------------|----------------------|
| Prosulfocarb (ISO) | 52888-80-9 | 4 mg/m ³ | TWA | SYNGENTA SUPPLIER |
| Solvent naphtha (petroleum), light arom.; Low boiling point naphtha unspecified | 644742-95-6 | 19 ppm, 100 mg/m ³ | TWA | |

8.2 Exposure controls

Engineering measures : Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. Maintain air concentrations below occupational exposure standards.

Personal protective equipment : Eye protection : No special protective equipment required.

Hand protection : Material : Nitrile rubber Break through time : > 480 min Glove thickness : 0.5 mm

Remarks : Wear protective gloves. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it

Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Remove and wash contaminated clothing before re-use. Wear as appropriate: Impervious clothing

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Suitable respiratory equipment: Respirator with a particle filter (EN 143). The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Filter type : Particulates type (P)

Protective measures : The use of technical measures should always have priority over the use of personal protective equipment. When selecting personal protective equipment, seek appropriate professional advice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

12.1 Information on basic physical and chemical properties

Appearance : clear

Colour : pale yellow

Odour : aromatic

Odour Threshold : No data available

pH : 6

Concentration: 1 % w/v

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : 73 °C Method: Pensky-Martens closed cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : No data available

CLAYTON PLANT PROTECTION

CLAYTON COMPLY Safety Data Sheet according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010. Version 3/dsc 06/09/2018. This version replaces all previous versions.

Relative vapour density : No data available
Density : 1,012 g/cm³ (25 °C)
Solubility(ies) Solubility in other solvents : No data available
Partition coefficient: octanol/water : No data available
Auto-ignition temperature : 380 °C
Decomposition temperature : No data available
Viscosity dynamic : No data available
Explosive properties : Not explosive
Oxidizing properties : The substance or mixture is not classified as oxidizing.

9.2 Other information : No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity None reasonably foreseeable

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid No decomposition if used as directed.

10.5 Incompatible materials **Materials to avoid** : None known.

10.6 Hazardous decomposition products : No hazardous decomposition products are known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Information on likely routes of exposure : Ingestion Inhalation Skin contact Eye contact

Acute toxicity

| Product: | |
|-----------------------------|--|
| Acute oral toxicity : | LD50 (Rat, male and female): > 2,000 mg/kg Assessment: The substance or mixture has no acute oral toxicity. Remarks: The toxicological data has been taken from products of similar composition. |
| Acute inhalation toxicity : | Acute toxicity estimate: > 20 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method |
| Acute dermal toxicity : | LD50 (Rat, male and female): > 4,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity. Remarks: The toxicological data has been taken from products of similar composition. |
| Components: | |
| Prosulfocarb (ISO) | |
| Acute oral toxicity : | LD50 (Rat, female): 1,958 mg/kg LD50 (Rat, male): 1,820 mg/kg |
| Acute inhalation toxicity : | LC50 (Rat): > 4.7 mg/l Exposure time: 4 h Assessment: The substance or mixture has no acute inhalation toxicity |
| Acute dermal toxicity : | LD50 (Rat): > 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity |
| 2-ethylhexan-1-ol: | |
| Acute oral toxicity | LD50 (Rat): 2,047 mg/kg |
| Acute inhalation toxicity | LC50 (Rat): > 0.89 - 5.3 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The component/mixture is moderately toxic after short term inhalation. |
| Acute dermal toxicity | LD50 (Rat): > 3,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity |

Skin corrosion/irritation

Product: Species: Rabbit Result: Irritating to skin. Remarks: The toxicological data has been taken from products of similar composition.

Components: prosulfocarb (ISO) Species: Rabbit. Result: No skin irritation
solvent naphtha (petroleum), light arom.: Result: No skin irritation
calcium dodecylbenzene sulphonate: Result : Irritating to skin.
2-ethylhexan-1-ol: Species : Rabbit Result : Irritating to skin.

Serious eye damage/eye irritation

Product: Species: Rabbit Result: Eye irritation Remarks: The toxicological data has been taken from products of similar composition.

Components: prosulfocarb(ISO) : Species: Rabbit Result: No eye irritation
calcium dodecylbenzene sulphonate: Result : Risk of serious damage to eyes.
2-ethylhexan-1-ol: Species : Rabbit Result : Irritation to eyes, reversing within 21 days

Respiratory or skin sensitisation

Product: Test Type: Buehler Test Species: Guinea pig Result: A skin sensitizer in animal tests. Remarks: The toxicological data has been taken from products of similar composition.

Components: prosulfocarb (ISO): Species: Guinea pig Result: May cause sensitisation by skin contact.

CLAYTON PLANT PROTECTION

CLAYTON COMPLY Safety Data Sheet according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010. Version 3/dsc 06/09/2018. This version replaces all previous versions.

Germ cell mutagenicity

Components:

prosulfocarb (ISO): Germ cell mutagenicity- Assessment : Animal testing did not show any mutagenic effects.

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:

Germ cell mutagenicity- Assessment : Weight of evidence does not support classification as a germ cell mutagen., Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

2-ethylhexan-1-ol:

Germ cell mutagenicity- Assessment : Animal testing did not show any mutagenic effects., In vitro tests did not show mutagenic effects

Carcinogenicity

Components:

Prosulfocarb (ISO): Carcinogenicity- Assessment : No evidence of carcinogenicity in animal studies.

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

2-ethylhexan-1-ol: Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

Reproductive toxicity

Components:

prosulfocarb (ISO): Remarks : No adverse effect has been observed in chronic toxicity tests.

Aspiration toxicity

Components:

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified: May be fatal if swallowed and enters airways.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish

LC50 *Oncorhynchus mykiss* (rainbow trout), 3 mg/l, 96 h

Based on test results obtained with similar product

Toxicity to daphnia and other aquatic invertebrates

EC50 *Daphnia magna* (water flea), 2.2 mg/l, 48 h

Based on test results obtained with similar product

Toxicity to algae

ErC50 (*Pseudokirchneriella subcapitata* (green algae)): 0.18 mg/l Exposure time: 96 h

Remarks: Based on test results obtained with similar product.

NOEC (*Pseudokirchneriella subcapitata* (green algae)): 0.010 mg/l End point: Growth rate

Exposure time: 96 h Remarks: Based on test results obtained with similar product.

Components:

prosulfocarb (ISO): Toxicity to fish : LC50 (*Oncorhynchus mykiss* (rainbow trout)): 0.84 mg/l Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 0.51 mg/l Exposure time: 48 h

Toxicity to algae : ErC50 (*Pseudokirchneriella subcapitata* (green algae)): 0.120 mg/l Exposure time: 72 h

NOEC (*Pseudokirchneriella subcapitata* (green algae)): 0.009 mg/l End point: Growth rate Exposure time: 72 h

ErC50 (*Navicula pelliculosa* (Freshwater diatom)): 0.68 mg/l Exposure time: 72 h

NOEC (*Navicula pelliculosa* (Freshwater diatom)): 0.2 mg/l End point: Growth rate Exposure time: 72 h

Toxicity to fish (Chronic toxicity) : NOEC: 0.31 mg/l Exposure time: 21 d Species: *Oncorhynchus mykiss* (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.045 mg/l Exposure time: 21 d Species: *Daphnia magna* (Water flea)

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:

Toxicity to fish : LL50 (*Oncorhynchus mykiss* (rainbow trout)): 9.2 mg/l Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EL50 (*Daphnia magna* (Water flea)): 3.2 mg/l Exposure time: 48 h

Toxicity to algae : EL50 (*Pseudokirchneriella subcapitata* (green algae)): 2.6 - 2.9 mg/l Exposure time: 72 h Test Type: Growth inhibition

NOELR (*Pseudokirchneriella subcapitata* (green algae)): 1 mg/l Exposure time: 72 h

Toxicity to fish (Chronic toxicity) : NOELR: 1.23 mg/l Exposure time: 28 d Species: *Oncorhynchus mykiss* (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOELR: 2.14 mg/l Exposure time: 28 d Species: *Daphnia magna* (Water flea)

Ecotoxicology Assessment

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

calcium dodecylbenzene sulphonate:

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

2-ethylhexan-1-ol:

Toxicity to fish : LC50 (*Pimephales promelas* (fathead minnow)): 28.2 mg/l Exposure time: 96 h. LC50 (*Leuciscus idus* (Golden orfe)): 17.1 mg/l Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 39 mg/l Exposure time: 48 h

Toxicity to algae : EC50 (*Desmodesmus subspicatus* (green algae)): 16.6 mg/l Exposure time: 72 h

CLAYTON PLANT PROTECTION

CLAYTON COMPLY Safety Data Sheet according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010. Version 3/dsc 06/09/2018. This version replaces all previous versions.

12.2 Persistence and degradability

Components:

prosulfocarb (ISO): Biodegradability : Result: Not readily biodegradable. Stability in water : Degradation half life: 159 - 279 d
Remarks: Persistent in water.

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified: Biodegradability : Result: Readily biodegradable.

2-ethylhexan-1-ol: Biodegradability : Result: Readily biodegradable.

12.3 Bioaccumulative potential

Components:

prosulfocarb (ISO): Bioaccumulation : Remarks: Prosulfocarb bioaccumulates.

12.4 Mobility in soil

Components: prosulfocarb (ISO): Distribution among environmental compartments : Remarks: Slightly mobile in soils

Stability in soil : Dissipation time: 35 d Percentage dissipation: 50 % (DT50) Remarks: Product is not persistent.

12.5 Results of PBT and vPvB assessment

Product: Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Components:

prosulfocarb (ISO): Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

Solvent naphtha (petroleum), light arom ; Low boiling point naphtha -unspecified: Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).. This substance is not considered to be very persistent and very bioaccumulating (vPvB)..

2-ethylhexan-1-ol: Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

| | |
|-------------------------------|--|
| Product | Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. |
| Contaminated packaging | Empty remaining contents. Triple rinse containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. |
| Waste Code | 150110, packaging containing residues of or contaminated by dangerous substances |

SECTION 14: TRANSPORT INFORMATION

14.1 UN number ADN : UN 3082 ADR : UN 3082 RID : UN 3082 IMDG : UN 3082 IATA : UN 3082

14.2 UN proper shipping name

ADN : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PROSULFOCARB AND SOLVENT NAPHTHA)

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PROSULFOCARB AND SOLVENT NAPHTHA)

RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PROSULFOCARB AND SOLVENT NAPHTHA)

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PROSULFOCARB AND SOLVENT NAPHTHA)

IATA : Environmentally hazardous substance, liquid, n.o.s. (PROSULFOCARB AND SOLVENT NAPHTHA)

14.3 Transport hazard class(es) ADN : 9 ADR : 9 RID : 9 IMDG : 9 IATA : 9

14.4 Packing group

ADN Packing group : III Classification Code : M6 Hazard Identification Number : 90 Labels : 9

ADR Packing group : III Classification Code : M6 Hazard Identification Number : 90 Labels : 9 Tunnel restriction code : (-)

RID Packing group : III Classification Code : M6 Hazard Identification Number : 90 Labels : 9

IMDG Packing group : III Labels : 9 EmS Code : F-A, S-F

IATA (Cargo) Packing instruction (cargo aircraft) : 964 Packing instruction (LQ) : Y964 Packing group : III

Labels : Miscellaneous

IATA (Passenger) Packing instruction (passenger aircraft) : 964 Packing instruction (LQ) : Y964 Packing group : III

Labels : Miscellaneous

14.5 Environmental hazards

ADN Environmentally hazardous : yes

ADR Environmentally hazardous : yes

RID Environmentally hazardous : yes

IMDG Marine pollutant : yes

IATA (Passenger) Environmentally hazardous : yes

IATA (Cargo) Environmentally hazardous : yes

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

CLAYTON PLANT PROTECTION

CLAYTON COMPLY Safety Data Sheet according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010. Version 3/dsc 06/09/2018. This version replaces all previous versions.

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: (3)

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha unspecified (29, 28)

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

| E1 | Quantity 1 | Quantity 2 |
|-----------------------|------------|------------|
| ENVIRONMENTAL HAZARDS | 100 t | 200 t |

Other regulations: Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Use plant protection products safely. Always read the label and product information before use. Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

SECTION 16: OTHER INFORMATION

| | |
|---|--|
| Full text of H-Statements H226 : 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. H332 : Harmful if inhaled. H335 : May cause respiratory irritation. H336 : May cause drowsiness or dizziness. H400 : Very toxic to aquatic life. H411 : Toxic to aquatic life with long lasting effects. H412 : Harmful to aquatic life with long lasting effects. |
| Full text of other abbreviations Acute Tox. : Acute toxicity Aquatic Acute : Acute aquatic toxicity Aquatic Chronic : Chronic aquatic toxicity Asp. Tox. : Aspiration hazard Eye Dam. : Serious eye damage | Eye Irrit. : Eye irritation Flam. Liq. : Flammable liquids Skin Irrit. : Skin irritation Skin Sens. : Skin sensitisation STOT SE : Specific target organ toxicity - single exposure |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road;

AICS - Australian Inventory of Chemical Substances;

ASTM - American Society for the Testing of Materials; bw - Body weight;

CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008;

CMR - Carcinogen, Mutagen or Reproductive Toxicant;

DIN - Standard of the German Institute for Standardisation;

DSL - Domestic Substances List (Canada);

ECHA - European Chemicals Agency;

EC-Number - European Community number;

ECx - Concentration associated with x% response;

ELx - Loading rate associated with x% response;

EmS - Emergency Schedule;

ENCS - Existing and New Chemical Substances (Japan);

ErCx - Concentration associated with x% growth rate response;

GHS - Globally Harmonized System;

GLP - Good Laboratory Practice;

IARC - International Agency for Research on Cancer;

IATA - International Air Transport Association;

IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;

IC50 - Half maximal inhibitory concentration;

ICAO - International Civil Aviation Organization;

IECSC - Inventory of Existing Chemical Substances in China;

IMDG - International Maritime Dangerous Goods;

IMO - International Maritime Organization;

ISHL - Industrial Safety and Health Law (Japan);

ISO - International Organisation for Standardization;

KECI - Korea Existing Chemicals Inventory;

LC50 - Lethal Concentration to 50 % of a test population;

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CLAYTON COMPLY Safety Data Sheet according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010. Version 3/dsc 06/09/2018. This version replaces all previous versions.

LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose);
MARPOL - International Convention for the Prevention of Pollution from Ships;
n.o.s. - Not Otherwise Specified;
NO(A)EC - No Observed (Adverse) Effect Concentration;
NO(A)EL - No Observed (Adverse) Effect Level;
NOELR - No Observable Effect Loading Rate;
NZIoC - New Zealand Inventory of Chemicals;
OECD - Organization for Economic Co-operation and Development;
OPPTS - Office of Chemical Safety and Pollution Prevention;
PBT - Persistent, Bioaccumulative and Toxic substance;
PICCS - Philippines Inventory of Chemicals and Chemical Substances;
(Q)SAR - (Quantitative) Structure Activity Relationship;
REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals;
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail;
SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet;
SVHC - Substance of Very High Concern;
TCSI - Taiwan Chemical Substance Inventory;
TRGS - Technical Rule for Hazardous Substances;
TSCA - Toxic Substances Control Act (United States);
UN - United Nations;
vPvB - Very Persistent and Very Bioaccumulative

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|---------------------|--------------------------------|-----------------------------|
| Further information | Classification of the mixture: | Classification procedure: |
| | Skin Irrit. 2 | H315 On basis of test data. |
| | Eye Irrit. 2 | H319 On basis of test data. |
| | Skin Sens. 1 | H317 On basis of test data. |
| | Asp. Tox. 1 | H304 Calculation method |
| | Aquatic Acute 1 | H400 On basis of test data. |
| | Aquatic Chronic 1 | H410 On basis of test data. |

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