



C10 Aromatic Naphtha

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

1.1. Product identifier

Product name: Hydrocarbons, C10, aromatics, >1% Naphthalene
CAS Number: 64742-94-5
EC Number: 919-284-0
REACH Number: 01-2119463588-24-
Index Number: -
Additional relevant and available information Hydrosol A200
Hydrosol A200 PP

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

Product use: Manufacture of substances
Distribution of substance
Formulation & (re) packing of substances and mixture
Uses in coatings
Use in cleaning agent
Use in oil and gas field drilling and production operations
Lubricants
Metal working fluids / rolling oils
Use as binders and release agents
Use as a fuel
Functional Fluids
Road and construction applications
Use in laboratories
Polymer processing
Water treatment chemicals

1.3 Details of the supplier of the safety data sheet

Company name: East Harbour Group Ltd
Miranda House, The Quay
Harwich, Essex, CO12 3HH
United Kingdom

Telephone: +44 (0) 333 242 0100
Email: info@eastharbourgroup.com

1.4 Emergency telephone number

Emergency telephone: 0800 246 1274

Section 2: Hazardous identification

2.1 Classification of the substance or mixture

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

| Hazard Class | Category | Hazard class and Category | Hazard statement |
|---|----------|---------------------------|------------------|
| Carcinogenicity | Cat. 2 | (Carc. 2) | H351 |
| Specific target organ toxicity – single exposure (narcotic effects, drowsiness) | Cat. 3 | (STOT SE3) | H336 |

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| | | | |
|--|--------|---------------------|------|
| Aspiration hazard | Cat. 1 | (Asp. Tox.1) | H304 |
| Hazardous to the aquatic environment – chronic hazard | Cat. 2 | (Aquatic Chronic 2) | H411 |

Remarks:

For full text of H-phrases: see Section 16.

Substance with a community indicative occupational exposure limit value.

Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

The most important adverse physicochemical, human health and environmental effects

May be fatal if swallowed and enters airways.

2.2 Label elements

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

Signal word

Danger

Pictograms



GHS07, GHS08, GHS09

Hazard statements

H304

May be fatal if swallowed and enters airways

H336

May cause drowsiness or dizziness

H351

Suspected of causing cancer

H411

Toxic to aquatic life with long lasting effect

Precautionary statements
Prevention

P273

Avoid release to the environment

P281

Use personal protective equipment as required

Response

P301+P310

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician

P312

Call a POISON CENTRE or doctor/physician if you feel unwell

P331

Do NOT induce vomiting

P391

Collect spillage

Storage

P403+P233

Store in a well-ventilated place. Keep container tightly closed

Disposal

P501

Dispose of contents/container to industrial combustion plant

Additional labelling requirements

EUH066

Repeated exposure may cause skin dryness or cracking

2.3 Other hazards

According to the results of its assessment, this substance is not PBT or vPvB. This material is combustible but will not ignite readily. Vapour heavier than air, may form an explosive mixture in air at temperatures above the flashpoint. Slip hazard by spilled and leaked out product. Flowing product can create electrostatic charge, resulting sparks may ignite or cause an explosion.



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Section 3: Composition/information on ingredients

3.1 Substances

| | |
|-----------------------------|---|
| Name of substance | Hydrocarbons, C10, aromatics, >1% Naphthalene |
| Registration number (REACH) | 01-2119463588-24- |
| EC Number | 919-284-0 |
| CAS Number | 64742-94-5 |
| Index Number | - |
| Purity | 100% |

Hazardous ingredients

| Name of Substance | Identifier | Wt% | Classification acc. to GHS |
|-------------------|-------------------------------------|------|--|
| Naphthalene | CAS No. 91-20-3 EC No. 202-049-5 | 1-10 | Acute Tox. 4/H302 Carc. 2 /H351 Aquatic Acute 1/H400 Aquatic Chronic 1/H410 |

For full text of abbreviations: see Section 16

Section 4: First aid measures

4.1 Description of first aid measures

General notes: Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation: If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact: Wash with plenty of soap and water.

Following eye contact: Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical advice.

Following ingestion: Do NOT induce vomiting. Rinse mouth with water (only if the person is conscious).

4.2 Most important symptoms and effects, both acute and delayed

Choking and suffocation risks. Narcotic effects. Deficits in perception and coordination, reaction time, or sleepiness.

4.3 Indication of any immediate medical attention and special treatment needed

None

Section 5: Fire-fighting measures

5.1 Fire Fighting Media and Instructions:

Suitable extinguishing media: Carbon dioxide (CO₂), BC-powder, foam, alcohol resistant foam, water mist

Unsuitable extinguishing media: Water jet

5.2 Special hazards arising from the substance or mixture

May produce toxic fumes of carbon monoxide if burning.



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Hazardous combustion products

Carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance. Keep containers cool with water spray.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety. Avoid inhaling sprayed product. Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. Take off immediately all contaminated clothing and wash it before reuse.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3. Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains.

Advice on how to clean up a spill

Wipe up with absorbent material (e.g., cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques

Use of absorbent materials. Covering of drains

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilated affected area.

6.4 Reference to other sections

Hazardous combustion products: see Section 5. Personal protective equipment: see Section 8. Incompatible materials: see Section 10. Disposal considerations: see Section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use only in well ventilated areas. Use local and general ventilation.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

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7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice.

Packaging compatibilities

Only packaging's which are approved (e.g., acc. to ADR) may be used.

Suitable materials and coatings for container/equipment: Carbon Steel, Stainless Steel, Polyester, Polytetrafluoroethylene (PTFE), Polyvinyl Alcohol (PVA)

Unsuitable materials and coatings for container/equipment: Butyl Rubber, Natural Rubber, Ethylene-propylene-diene monomer (EPDM), Polystyrene, Polyethylene, Polyacrylonitrile.

7.3 Specific end use(s)

See attached exposure scenarios.

Section 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of Agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Source |
|---------|---|------------|------------|-----------|--------------------------|------------|---------------------------|---------------------|
| DE | Hydrocarbons, C10, aromatics, >1% naphthalene | 64742-94-5 | AGW | | 50 | | 50 | TRGS900 |
| DE | Naphthalene | 91-20-3 | AGW | 0.4 | 2 | 1.6 | 8 | TRGS900 |
| EU | Naphthalene | 91-20-3 | IOELV | 10 | 50 | | | 91/322/EEC |
| IE | Naphthalene | 91-20-3 | IOELV | 10 | 50 | 15 | 75 | S.I. No 619 of 2001 |

Notation

STEL: Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA: Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours' time-weighted average (unless otherwise specified)

Relevant DNELs/DMELs/PNECs and other threshold levels

Human health values

| Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|----------|-----------------------|------------------------------------|-------------------------------|-----------------------------|
| DNEL | 12.5 mg/kg | Human, dermal | Worker (industry) | Chronic – Systemic effects |
| DNEL | 151 mg/m ³ | Human, inhalation | Worker (industry) | Chronic – Systemic effects |
| DNEL | 7.5 mg/kg | Human, oral | Consumer (private households) | Chronic – systemic effects |
| DNEL | 7.5 mg/kg | Human, dermal | Consumer (private households) | Chronic – systemic effects |
| DNEL | 32 mg/m ³ | Human, inhalation | Consumer (private households) | Chronic – systemic effects. |

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| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|-------------------|---------|----------|----------------------|------------------------------------|------------------------------|------------------------------|
| Naphthalene | 91-20-3 | DNEL | 25 mg/m ³ | Human, inhalation | Worker (industry) | Chronic – local effects |
| Naphthalene | 91-20-3 | DNEL | 3.57 mg/kg | Human, dermal | Worker (industry) | Chronic – Systemic effects |
| Naphthalene | 91-20-3 | DNEL | 25 mg/m ³ | Human, inhalatory | Worker, (industry) | Chronic – systemic effects |
| Name of substance | CAS No | Endpoint | Threshold level | Organism | Environmental compartment | Exposure time |
| Naphthalene | 91-20-3 | PNEC | 2.9 mg/l | Microorganisms | Sewage treatment plant (STP) | Short-term (single instance) |

8.2 Exposure controls /

Appropriate engineering controls

Technical measures and the appliance of appropriate working methods take priority over the use of personal protective equipment.

Safety and necessary control measure vary according to exposure conditions. Appropriate measures are: Open windows, door, to allow sufficient ventilation. If this is not possible employ a fan to increase air exchange (see attached exposure scenarios).

Individual protection measures (personal protective equipment)

Eye/face protection: Use safety goggles with side protection.

Skin protection: Hand protection – Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN374.

Short-term contact with the skin: Disposable gloves

Long-term contact with the skin: Gloves with long cuffs

Check leak-tightness/impermeability prior to use.

Type of material: NBR: acrylonitrile-butadiene rubber, FKM: Fluoro-elastomer

Material thickness: 0,40mm

Breakthrough times of the glove material: >480 minutes (permeation: level 6)

Other protection measures: Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Body protection: Suitable protective clothing: Flame resistant clothing Suitable safety shoes: Anti-static safety shoes according to EN 345 S3

Respiratory protection: For activities in enclosed areas at elevated temperatures of the substance, local extraction or explosion protected ventilation equipment is recommended. In case this is not sufficient for the intended use, then apply a suitable respiratory protection according to EN140 type A or better (see exposure scenarios).

Environmental exposure controls.

Do not empty into drains.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|------------------------------|----------------------|
| Appearance | Liquid |
| Colour | Clear |
| Odour | Pungent |
| pH (value) | not determined |
| Melting point/freezing point | <-10°C (ASTM D 5950) |



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| | |
|--|--|
| Initial boiling point and boiling range | 160-230°C (ASTM D 86) |
| Flash point | >62°C (ASTM D 93) |
| Explosive limits | |
| Lower explosion limit (LEL) | 0.6 vol% |
| Upper explosion limit (UEL) | 7 vol% |
| Vapour pressure | 0.06kPa @ 20°C |
| Density | 0.8-1 ^g / _{cm} ³ @ 15°C |
| Solubility(ies) | not determined |
| Partition coefficient n-octanol water (log KOW) | This information is not available |
| Auto-ignition temperature | >400°C |
| Viscosity – kinematic viscosity | 0.8-2 ^{mm} ² / _s @ 20°C |
| Explosive properties in use, may form flammable/explosive vapour air mixture | |
| Oxidising properties | none |

9.2 Other information

| | |
|-----------------|--|
| Surface tension | 29 – 32 ^{mN} / _m (25°C) (Wilhelmy Plate) |
|-----------------|--|

Section 10: Stability and Reactivity

10.1 Reactivity

This material is not reactive under normal ambient conditions

10.2 Chemical Stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure (see below “Conditions to avoid”).

10.3 Possibility of hazardous reactions

No known hazardous reactions

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical / ventilating / lighting / equipment. Take precautionary measures against static discharge.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

No known hazardous decomposition products.

Section 11: Toxicological Information

11.1 Information on toxicological effects:

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

| Exposure route | Endpoint | Value | Species |
|--------------------|----------|-----------------|---------|
| Oral | LD50 | 6,318 mg/kg | Rat |
| Dermal | LD50 | >2,000 mg/kg | Rabbit |
| Inhalation: vapour | LC50 | >4,688 mg/l /4h | Rat |

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Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser

Summary of evaluation of the CMR properties

Suspected of causing cancer

Shall not be classified as germ cell mutagenic.

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity (STOT)

Specific target organ toxicity – single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity – repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

May be fatal if swallowed and enters airways.

Information on likely routes of exposure

If on skin. If inhaled.

Other information

Repeated exposure may cause skin dryness or cracking

Section 12: Ecological Information

12.1 Toxicity

Aquatic Toxicity (acute)

| Endpoint | Value | Species | Exposure time |
|----------|-------------------|---------------|---------------|
| LL50 | 1 ^{mg/l} | Algae | 72 h |
| EL50 | 3 ^{mg/l} | Daphnia magna | 48 h |

Aquatic toxicity (chronic)

May cause long-term adverse effects in the aquatic environment

| Endpoint | Value | Species | Exposure time |
|----------|-----------------------|--|---------------|
| NOELR | 0.487 ^{mg/l} | rainbow trout (<i>Oncorhynchus mykiss</i>) | 28 D |
| NOELR | 0.851 ^{mg/l} | Daphnia magna | 21 D |

12.2 Persistence and degradability

The substance is readily biodegradable.

| Process | Degradation rate | Time |
|------------------|------------------|------|
| Oxygen depletion | 2.9% | 5d |

12.3 Bioaccumulative potential

Data are not available

12.4 Mobility in soil

Data are not available

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB

12.6 Other adverse effects

Data are not available



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Section 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packaging's

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately re-conditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAKE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Lists of waters

Proposed waste code(s) for the used product:

07 01 04x Other organic solvents, washing liquids and mother liquors.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

Section 14: Transport Information

| | |
|---|--|
| 14.1 UN Number | 3082 |
| 14.2 UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Technical name | Hydrocarbons, C10, aromatics, >1% naphthalene |
| 14.3 Transport hazard class(es) – Class | 9 (miscellaneous dangerous substances and articles) |
| 14.4 Packing group | III |
| 14.5 Environmental hazards | hazardous to the aquatic environment |
| 14.6 Special precautions for user | Provisions for dangerous goods (ADR) should be complied within the premises. |
| 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code | The cargo is not intended to be carried in bulk |

Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)

| | |
|---|---|
| UN Number | 3082 |
| UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Technical name (hazardous constituents) | Hydrocarbons, C10, aromatics, >1% naphthalene |
| Class | 9 |
| Classification code | M6 |



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Packing group
Danger label(s)

III
9 + "fish and tree"



Environmental hazards
Special provisions (SP)
Excepted quantities (EQ)
Limited quantities (LQ)
Transport category (TC)
Tunnel restriction code (TRC)
Hazard identification No
Emergency Action Code

yes (hazardous to the aquatic environment)
274,335,375,601
E1
5L
3
-
90
3Z

International Maritime Dangerous Goods Code (IMDG)

UN Number
Proper shipping name

3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S.
UN3082, ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S., (Hydrocarbons, C10,
aromatics, >1% naphthalene), 9, III

Particulars in the shipper's declaration

Class
Marine pollutant
Packing group
Danger label(s)

9
yes (hazardous to the aquatic environment)
III
9 + "fish and tree"



Special provisions (SP)
Excepted quantities (EQ)
Limited quantities (LQ)
EmS
Stowage category

274, 335, 969
E1
5L
F-A, S-F
A

International Civil Aviation Organisation (ICAO-IATA-DGR)

UN Number
Proper shipping name
Class
Environmental hazards
Packing group
Danger label (s)

3082
Environmentally hazardous substance, liquid, n.o.s.
9
Yes (hazardous to the aquatic environment)
III
9 + "fish and tree"



Special provisions (SP)
Excepted quantities (EQ)
Limited quantities (LQ)

A97, A158, A197
E1
30kg



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This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15: Regulatory Information

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

Relevant provisions of the European Union (EU)

• Restrictions according to REACH, Annex XVII

Name of substance Hydrocarbons, C10, aromatics, >1% naphthalene

CAS No -

Wt% 100

Type of registration 1907/2006/EC annex XVII

No 3

• **List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list**
not listed

2012/18/EU (Seveso III)

| No. | Dangerous substance/hazard categories | Qualifying quantity (tonnes) for the application of lower and upper-tier requirements | | Notes |
|-----|--|---|-----|-------|
| E2 | Environmental hazards (hazardous to the aquatic environment, cat. 2) | 200 | 500 | 57) |

Notation

57) Hazardous to the Aquatic Environment in category Chronic 2

Limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products (2004/42/EC, Deco-Paint Directive)

VOC content 100%

Directive on industrial emissions (VOCs, 2010/75/EU)

VOC content 100%

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) – Annex II

Not listed

Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

Not listed

Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)

Not listed.

National inventories

| Country | Inventory | Status |
|---------|------------|---------------------|
| AU | AICS | Substance is listed |
| CA | DSL | Substance is listed |
| CN | IECSC | Substance is listed |
| EU | ECSI | Substance is listed |
| EU | REACH Reg. | Substance is listed |
| JP | CSCL-ENCS | Not listed |
| JP | ISHA-ENCS | Not listed |
| KR | KECI | Substance is listed |
| MX | INSQ | Substance is listed |
| NZ | NZIoC | Substance is listed |



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| | | |
|----|-------|---------------------|
| PH | PICCS | Substance is listed |
| TR | CICR | Substance is listed |
| TW | TCSI | Substance is listed |
| US | TSCA | Substance is listed |

Legend

| | |
|------------|--|
| AICS | Australian Inventory of Chemical Substances. |
| CICR | Chemical Inventory and Control Regulation. |
| CSCL-ENCS | List of Existing and New Chemical Substances (CSCL-ENCS). |
| DSL | Domestic Substance List (DSL). |
| ECSI | EC Substance Inventory (EINECS, ELINCS, NLP). |
| IECSC | Inventory of Existing Chemical Substances Produced or Imported in China. |
| INSQ | National Inventory of Chemical Substances. |
| ISHA-ENCS | Inventory of Existing and New Chemical Substances (ISHA-ENCS). |
| KECI | Korea Existing Chemicals Inventory. |
| NZIoC | New Zealand Inventory of Chemicals. |
| PICCS | Philippine Inventory of Chemicals and Chemical Substances. |
| REACH Reg. | REACH registered substances. |
| TCSI | Taiwan Chemical Substance Inventory. |
| TSCA | Toxic Substance Control Act. |

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment has been carried out.

Section 16: Other Information

16.1 Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|-----------------|---|
| 91/322/EEC | Commission Directive on establishing indicative limit values by implementing Council Directive 80/1107/EEC |
| Acute Tox. | Acute Toxicity |
| ADN | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| AGW | Workplace exposure limit |
| Aquatic Acute | Hazardous to the aquatic environment – acute hazard |
| Aquatic Chronic | Hazardous to the aquatic environment – chronic hazard |
| Carc. | Carcinogenicity |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |
| CMR | Carcinogenic, Mutagenic or toxic for Reproduction |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DMEL | Derived Minimal Effect Level |

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| | |
|--------------------|---|
| DNEL | Derived No-Effect Level |
| EC No | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| EmS | Emergency Schedule |
| GHS | Globally Harmonised System of Classification and Labelling of Chemicals – developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organisation |
| IMDG | International Maritime Dangerous Goods Code |
| index No | The index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 |
| IOELV | Indicative occupational exposure limit value |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of “Marine Pollutant”) |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Accord européen relatif au transport international des marchandises dangereuses par route (Regulations concerning the International carriage of Dangerous goods by rail) |
| S.I.No.619 of 2001 | Safety, Health and Welfare at Work (Chemical Agents) Regulations 2001 |
| STEL | Short-term exposure limit |
| SVHC | Substance of Very High Concern |
| TRGS 900 | Arbeitsplatzgrenzwerte (TRGS 900) |
| TWA | Time-weighted average |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and very Bioaccumulative |

Key Literature references and sources for data

- Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU
- Regulation (EC) No. 1272/2008 (CLP, EU GHS)

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)
 International Maritime Dangerous Goods Code (IMDG)
 International Air Transport Association (IATA)

List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text |
|------|--|
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H336 | May cause drowsiness or dizziness |
| H351 | Suspected of causing cancer |



C10 Aromatic Naphtha

| | |
|------|---|
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects |

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. The information concerning legal regulations can lay no claim to completeness. In addition to this, other provisions may also apply to the product.

