SAFETY DATA SHEET

| | |
|---|---|
| **Version number:** | 5 |
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*According to Regulation (EC) No 1907/2006*

# BHP Polyester

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

### 1.1. Product identifier

***Trade name***

BHP Polyester

***Article No.***

100101

***UFI code***

QD3T-NF10-X99U-Y4YQ

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

***Product type***

Polyester resin

***Relevant identified uses***

Professional use
Industrial uses
Consumer use

### 1.3. Details of the supplier of the safety data sheet

***Supplier***

Färg-In AB

Address
Bodalsvägen 6
681 43 Kristinehamn
Sweden

Telephone
+46 55010045

Email
info@fargin.se

Web site
www.fargin.se

Contact person
Johan Thynell

### 1.4. Emergency telephone number

See National Thelephone Number (112) (Poison control center)

***Available outside office hours***

Yes

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

***Classification***

Skin irritation, hazard category 2
Reproductive toxicity, hazard category 2
Specific Target Organ Toxicity — Repeated exposure, hazard category 1
Eye irritation, hazard category 2
Specific Target Organ Toxicity — Single exposure, hazard category 3
Hazardous to the aquatic environment — Chronic hazard category 3
Flammable liquids, hazard category 3

***Hazard statements***

H226, H315, H319, H335, H361d, H372, H412

### 2.2. Label elements

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

***Hazard pictograms***

***Signal word***

Danger

***Hazard statements***

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H361d Suspected of damaging the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure .
H412 Harmful to aquatic life with long lasting effects.

***Supplemental hazard statements***

EUH208 Contains Cobolt bis(2-ethylhexanoate). May produce an allergic reaction.

***Precautionary statements***

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe .
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309 + P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P501 Dispose of contents/container to approved waste receiver.

***More information***

Contains: styrene , Cobolt bis(2-ethylhexanoate) , hydrocarbons c4 , Silica, amorphous, fumed, crystalline-free

### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Chemical name | CAS No.<br>EC No.<br>REACH No.<br>Index No. | Concentration | Classification | H-phrase<br>M factor acute<br>M factor chronic | Note |
|---|---|---|---|---|---|
| styrene | 100-42-5<br>202-851-5<br>01-2119457861-32<br>601-026-00-0 | 40 - 45% | Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, Acute Tox. 4 - inhalation, Repr. 2, STOT RE 1 | H226, H315, H319, H332, H361d, H372<br>-<br>- | D |
| Hydrocarbons, C4-, 1, 3-butadiene-free, polymerized, triisobutylene fraction, hydrogenated | 93685-81-5<br>297-629-8<br>-<br>- | 0.5 - 1.5% | Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 4 | H226, H304, H413<br>-<br>- | - |
| Silica, amorphous, fumed, crystalline-free | 112945-52-5<br>231-545-4<br>01-2119379499-16<br>- | 0.1% | - | -<br>-<br>- | - |
| Cobolt bis(2-ethylhexanoate) | 136-52-7<br>205-250-6<br>01-2119524678-29<br>- | 0.01 - <0.1% | Skin Sens. 1A, Eye Irrit. 2, Repr. 1B, Aquatic Acute 1, Aquatic Chronic 3 | H317, H319, H360Fd., H400, H412<br>M-acut=1<br>- | - |

***Substance additional information***

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

***Inhalation***

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
If respiratory problems, artificial respiration/oxygen. Get medical attention.

***Skin contact***

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Rinse cautiously with water for several minutes.
Get medical attention promptly if symptoms occur after washing.

***Eye contact***

Get medical attention immediately. Continue to rinse.
Immediately flush with plenty of water or eyewash solution for up to 10 minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

***Ingestion***

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Get immediate medical advice/attention.

***Information for doctors***

Treat symptomatically.

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

Suspected of damaging the unborn child.
Causes serious eye irritation.
Causes damage to organs (hearings organs) through prolonged or repeated exposure.

***Inhalation***

Harmful if inhaled.

***Skin contact***

Irritating to skin.
May cause an allergic skin reaction.

***Eye contact***

Causes serious eye irritation.

***Ingestion***

Harmful if swallowed.

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

Treat symptomatically.

**Other**

***Information to rescue personnel***

Use personal protective equipment as required.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

***Suitable extinguishing media***

Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

***Unsuitable extinguishing media***

Avoid water in straight hose stream; will scatter and spread fire.

### 5.2. Special hazards arising from the substance or mixture

Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.
Hazardous combustion products: Carbon monoxide (CO).

### 5.3. Advice for firefighters

***Special protective equipment for fire-fighters***

Self contained breathing apparatus and full protective clothing must be worn in case of fire.
Cool containers exposed to flames with water until well after the fire is out.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Do not smoke or use open fire, or other sources of ignition.
Provide adequate ventilation.
Evacuate area.

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.
Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, dry sand or earth and place into containers.
Remove sources of ignition. Beware of the explosion danger.
Use only non-sparking tools.

### 6.4. Reference to other sections

For personal protection, see section 8.
See section 12.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

***Preventive handling precautions***

Wear personal protection equipment (refer to section 8).
Ground container and transfer equipment to eliminate static electric sparks.
Flammable/combustible - Keep away from oxidisers, heat and flames.
Keep away from heat, sparks and open flame.
Do not use in confined spaces without adequate ventilation and/or respirator.

***General hygiene***

Do not eat, drink or smoke when using this product.
Private clothes and working clothes should be kept separately.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 5°C and 30°C.
Store in a well-ventilated place.
Keep away from heat, sparks and open flame.
Avoid contact with oxidising agents.
Store isolated from reducing agents.

### 7.3. Specific end use(s)

Do not handle until all safety precautions have been read and understood.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

*National occupational exposure limits*

| Ingredient | CAS No. EC No. | Exposure limit ppm / mg/m³ | Short-term exposure limit ppm / mg/m³ | Source | Remark | Year |
|---|---|---|---|---|---|---|
| styrene | 100-42-5 202-851-5 | 100 / 430 / | 250 / 1080 / | EH40/2005 | - | - |
| Cobolt bis(2-ethylhexanoate) | 136-52-7 205-250-6 | - / 0.1 / | - / - / | EH40/2005 | Cobalt and Cobalt compounds (as Co); Carc (cobalt dichlor-ide and sulphate), Sen | - |

*DNEL/DMEL*

| Product/Substance name (CAS No./EC No.) | Type | Exposure | Value | Population | Effects |
|---|---|---|---|---|---|
| styrene (100-42-5/202-851-5) | DNEL | Acute (short term) Inhalation | 289 mg/m³ | Workers | Systemic |
| styrene (100-42-5/202-851-5) | DNEL | Acute (short term) Inhalation | 306 mg/m³ | Workers | Local |
| styrene (100-42-5/202-851-5) | DNEL | Chronic (long term) Dermal | 406 mg/kg bw/day | Workers | Systemic |
| styrene (100-42-5/202-851-5) | DNEL | Chronic (long term) Inhalation | 85 mg/m³ | Workers | Systemic |
| styrene (100-42-5/202-851-5) | DNEL | Acute (short term) Inhalation | 174.25 mg/m³ | Consumers | Systemic |
| styrene (100-42-5/202-851-5) | DNEL | Acute (short term) Inhalation | 182.75 mg/m³ | Consumers | Local |
| styrene (100-42-5/202-851-5) | DNEL | Chronic (long term) Dermal | 343 mg/kg bw/day | Consumers | Systemic |
| styrene (100-42-5/202-851-5) | DNEL | Chronic (long term) Inhalation | 10.2 mg/m³ | Consumers | Systemic |
| styrene (100-42-5/202-851-5) | DNEL | Chronic (long term) Oral | 2.1 mg/kg bw/day | Consumers | Systemic |
| Silica, amorphous, fumed, crystalline-free (112945-52-5/231-545-4) | DNEL | Chronic (long term) Inhalation | 4 mg/m³ | Workers | Systemic |
| Cobolt bis(2-ethylhexanoate) (136-52-7/205-250-6) | DNEL | Chronic (long term) Oral | 55.8 µg/kg bw/day | Consumers | Systemic |

| Product/Substance name (CAS No./EC No.) | Type | Exposure | Value | Population | Effects |
|---|---|---|---|---|---|
| Cobolt bis(2-ethylhexanoate) (136-52-7/205-250-6) | DNEL | Chronic (long term) Inhalation | 235 µg/m³ | Workers | Local |
| Cobolt bis(2-ethylhexanoate) (136-52-7/205-250-6) | DNEL | Chronic (long term) Inhalation | 37 µg/m³ | Consumers | Local |

*PNEC/PEC*

| Product/Substance name (CAS No./EC No.) | Type | Environmental compartment | Value |
|---|---|---|---|
| styrene (100-42-5/202-851-5) | PNEC | Freshwater | 0.028 mg/l |
| styrene (100-42-5/202-851-5) | PNEC | Marine water | 0.0028 mg/l |
| styrene (100-42-5/202-851-5) | PNEC | Sediment (freshwater) | 0.614 mg/kg |
| styrene (100-42-5/202-851-5) | PNEC | Sediment (marine water) | 0.0614 mg/kg |
| styrene (100-42-5/202-851-5) | PNEC | Soil | 0.2 mg/kg |
| styrene (100-42-5/202-851-5) | PNEC | Sewage Treatment Plant | 5 mg/l |
| Silica, amorphous, fumed, crystalline-free (112945-52-5/231-545-4) | PNEC | Oral (Secondary Poisoning) | 60000 mg/kg |
| Cobolt bis(2-ethylhexanoate) (136-52-7/205-250-6) | PNEC | Freshwater | 0.51 µg/l |
| Cobolt bis(2-ethylhexanoate) (136-52-7/205-250-6) | PNEC | Marine water | 2.36 µg/l |
| Cobolt bis(2-ethylhexanoate) (136-52-7/205-250-6) | PNEC | Sediment | 9.5 mg/kg |
| Cobolt bis(2-ethylhexanoate) (136-52-7/205-250-6) | PNEC | Soil | 7.9 mg/kg |
| Cobolt bis(2-ethylhexanoate) (136-52-7/205-250-6) | PNEC | Sewage Treatment Plant | 0.37 mg/l |

### 8.2. Exposure controls

***Appropriate engineering controls***

Provide adequate ventilation.

Observe occupational exposure limits and minimise the risk of inhalation of dust.

Provide eyewash, quick drench.

***Personal Protective Equipment Symbols***

***Eye / face protection***

Eye glasses with side protection
Do not wear contact lenses.

***Hand protection***

Wear protective gloves.
The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

***Other skin protection***

Anti-static boots.

***Respiratory protection***

At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used.

***Environmental exposure controls***

See section 6.

**Other**

If medical advice is needed, have product container or label at hand.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

***Physical state***

Liquid

***Colour***

Blue.

***Odour***

pungent

***Odour threshold***

0,15 ppm
**Method**
Test reference: Styrene

***Melting point / freezing point***

~ -30 °C

***Boiling point or initial boiling point and boiling range***
146 °C

***Flammability***
No data available

***Lower and upper explosion limit***
1.1 - 6.1 %
**Method**
Styrene

***Flash point***
31 °C
**Method**
CC (Closed cup).

***Auto-ignition temperature***
490 °C
**Method**
Test reference: Styrene

***Decomposition temperature***
No data available

***pH***
No data available

***Kinematic viscosity***
> 0,4 cm2/s; 40 °C

***Solubility***
No data available

***Water solubility***
Insoluble in water.

***Partition coefficient n-octanol/water***
3
**Method**
Test reference: Styrene

***Vapour pressure***
6.7 hPa
**Method**
Test reference: Styrene

***Density and/or relative density***
No data available

***Relative density***
1.08 - 1.12

***Relative vapour density***
No data available

***Evaporation Rate***
0,49 (BuAc = 1)

***Particle characteristics***
No data available

**9.2. Other information**
No data available

**Other**
Vapour density: 1.08 - 1.12 g/cm³

## SECTION 10: Stability and reactivity

**10.1. Reactivity**
Heating may cause a fire.

**10.2. Chemical stability**
Stable under normal temperature conditions.

**10.3. Possibility of hazardous reactions**
In use may form flammable/explosive vapour-air mixture.
Polymerization can occur.

**10.4. Conditions to avoid**
Avoid heat, flames and other sources of ignition.
Keep cool. Protect from sunlight.
Take precautionary measures against static discharges.

**10.5. Incompatible materials**
Avoid contact with oxidising agents.
Strong reducing agents.
Inorganic peroxides.
Organic peroxides/hydroperoxides.

**10.6. Hazardous decomposition products**
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

***Acute toxicity***

May cause respiratory irritation.

Harmful if swallowed.

| Product / Substance name CAS / EC no. | Dose descriptor | Value / Dose | Exposure route | Duration of exposure | Test animals | Method / Guideline | Remarks |
|---|---|---|---|---|---|---|---|
| styrene 100-42-5 / 202-851-5 | LD50 | 5000 mg/kg | Oral | - | Rat | - | - |
| styrene 100-42-5 / 202-851-5 | LD50 | > 2000 mg/kg | Dermal | - | Rat | - | - |
| styrene 100-42-5 / 202-851-5 | LC50 | 11,8 mg/l | Inhalation. | 4 hours | Rat | - | - |
| styrene 100-42-5 / 202-851-5 | LD50 | 2650 mg/kg | Oral | - | Rat | - | - |
| styrene 100-42-5 / 202-851-5 | LC50 | 2770 ppm | Inhalation. | 4 hours | Rat | - | Vapour |
| styrene 100-42-5 / 202-851-5 | LC50 | 11800 ppm | Inhalation. | 4 hours | Rat | - | Vapour |
| styrene 100-42-5 / 202-851-5 | NOAEL | 615 mg/kg | Dermal | - | Rat | - | - |
| styrene 100-42-5 / 202-851-5 | NOAEL | 20 ppm | Inhalation. | - | Rat | - | Gas. |
| styrene 100-42-5 / 202-851-5 | LD50 | 5000 mg/kg | - | - | Rat | - | - |
| styrene 100-42-5 / 202-851-5 | LD50 | > 2000 mg/kg | - | - | Rat | - | - |
| Cobolt bis(2-ethylhex-anoate) 136-52-7 / | LD50 | 3129 mg/kg | Oral | - | Rat | OECD 425 | - |

| Product / Substance name CAS / EC no. | Dose descriptor | Value / Dose | Exposure route | Duration of exposure | Test animals | Method / Guideline | Remarks |
|---|---|---|---|---|---|---|---|
| 205-250-6 | | | | | | | |
| Cobolt bis(2-ethylhex-anoate) 136-52-7 / 205-250-6 | LD50 | 1.22 g/kg | Oral | - | Rat | - | - |

***Skin corrosion/irritation***

Causes skin irritation.

| Product / Substance name CAS / EC no. | Result | Value / Dose | Species |
|---|---|---|---|
| styrene 100-42-5 / 202-851-5 | Slightly irritating. | 500 mg | Rabbit |
| styrene 100-42-5 / 202-851-5 | Moderately Irritating. | 100% | Rabbit |

***Serious eye damage/irritation***

Causes serious eye irritation.

| Product / Substance name CAS / EC no. | Result | Value / Dose | Duration of exposure | Species |
|---|---|---|---|---|
| styrene 100-42-5 / 202-851-5 | Slightly irritating. | 50 ppm | - | Human |
| styrene 100-42-5 / 202-851-5 | Moderately Irritating. | 100 mg | 24 hours | Rabbit |
| styrene 100-42-5 / 202-851-5 | Strongly irritating. | 100 mg | - | Rabbit |

***Respiratory or skin sensitisation***

May cause an allergic skin reaction.
May cause respiratory irritation.

***Germ cell mutagenicity***

Based on available data, the classification criteria are not met.

***Carcinogenicity***

Based on available data, the classification criteria are not met.

***Repeated dose toxicity***
Based on available data, the classification criteria are not met.

***Reproductive toxicity***
H361d Suspected of damaging the unborn child.

***STOT-single exposure***
May cause respiratory irritation.

***STOT-repeated exposure***
Causes damage to organs (central nervous system) through prolonged or repeated exposure.
Target organs : ears , central nervous system

***Aspiration hazard***
Based on available data, the classification criteria are not met.

***Toxicity in case of inhalation***
General respiratory distress, unproductive cough.

***Toxicity in case of skin contact***
Skin irritation.
Allergic rash.

***Toxicity in case of eye contact***
H319 Causes serious eye irritation.

***Toxicity in case of ingestion***
However, ingestion may cause nausea, stomach pain and vomiting.

### 11.2. Information on other hazards

***Endocrine disrupting properties***
No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

***Acute toxicity***
Harmful to aquatic life with long lasting effects.

***Acute fish toxicity***

| Product / Substance name CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species | Method / Guideline | Remark |
|---|---|---|---|---|---|---|
| styrene | LC50 | 3,24 - 4,99 mg/l | 96 hours | Pimephales pro- | flow-through | - |

| Product / Substance name CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species | Method / Guideline | Remark |
|---|---|---|---|---|---|---|
| 100-42-5 / 202-851-5 | | | | melas (Fat-head Minnow) | | |
| styrene 100-42-5 / 202-851-5 | LC50 | 58,75-95,32 mg/l | 96 hours | Poecilia reticulata (Guppy) | static. | - |
| styrene 100-42-5 / 202-851-5 | LC50 | 4020 µg/l | 96 hours | Pimephales promelas (Fat-head Minnow) | - | Freshwater |
| styrene 100-42-5 / 202-851-5 | LC50 | 3,24-95,32 mg/l | 96 hours | Pimephales promelas (Fat-head Minnow) | - | - |

***Acute algae toxicity***

| Product / Substance name CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species | Remark |
|---|---|---|---|---|---|
| styrene 100-42-5 / 202-851-5 | EC50 | 0,46 - 4,3 mg/l | 72 hours | Pseudokirchneriella subcapita | - |
| styrene 100-42-5 / 202-851-5 | EC50 | 33 mg/l | 96 hours | Pseudokirchneriella subcapitata | Freshwater |
| Cobolt bis(2-ethylhexanoate) 136-52-7 / 205-250-6 | EC50 | 0.639 mg/l | - | - | - |

***Acute crustacean toxicity***

| Product / Substance name CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species |
|---|---|---|---|---|
| styrene 100-42-5 / 202-851-5 | EC50 | 3,3 - 7,4 mg/l | 48 hours | Daphnia magna |

***Chronical toxicity***

| Product / Substance name<br>CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species |
|---|---|---|---|---|
| styrene<br>100-42-5 / 202-851-5 | NOEC | 1,01 mg/l | 21 days | Daphnia magna |

### 12.2. Persistence and degradability

The product is readily biodegradable.

### 12.3. Bioaccumulative potential

| Product / Substance name<br>CAS / EC no. | LogKow / LogPow | Bioconcentration factor (BCF) | Result | Species |
|---|---|---|---|---|
| styrene<br>100-42-5 / 202-851-5 | 2,96 | 35,5 | - | Fish |
| styrene<br>100-42-5 / 202-851-5 | - | 13.39 | Low | - |
| styrene<br>100-42-5 / 202-851-5 | 2,95 | 74 | - | - |
| Cobolt bis(2-ethylhex-anoate)<br>136-52-7 / 205-250-6 | - | 15600 | - | - |

### 12.4. Mobility in soil

***Mobility***

| Product / Substance name<br>CAS / EC no. | KOC | Mobility | Remark |
|---|---|---|---|
| styrene<br>100-42-5 / 202-851-5 | - | 0,032 N/m | 19 °C |
| styrene<br>100-42-5 / 202-851-5 | 2.55 | - | - |

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

No information available.

### 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

***Disposal considerations***

Dispose of waste and residues in accordance with local authority requirements.
Make sure containers are empty before discarding (explosion risk).
Waste is classified as hazardous waste.

| Waste code | Waste description |
|---|---|
| 07 02 04* | other organic solvents, washing liquids and mother liquors |

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

**Other**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

## SECTION 14: Transport information

### 14.1. UN number

1866

### 14.2. UN proper shipping name

***ADR / RID / ADN proper shipping name***

RESIN SOLUTION, flammable

***IMDG proper shipping name***

RESIN SOLUTION, flammable

***IATA proper shipping name***

Resin solution flammable

### 14.3. Transport hazard class(es)

***Label***

ADR/RID/ADN


*3*

IMDG


*3*

IATA


*3*

***ADR / RID Class***

3

***ADR / RID Classification code***

F1

***ADR / RID hazard identification number***

30

***IMDG Class***

3

***IATA Class***

3

***ADN Class***

3

***ADN Class Code***

F1

**14.4. Packing group**

ADR / RID / ADN: III
IMDG: III
IATA: III

**14.5. Environmental hazards**

***Environmental hazards***

No

***IMDG Marine Pollutant***

No

**14.6. Special precautions for user**

***Special precautions for user***

Tunnel restriction code: D/E
Transport category: 3

***IMDG EmS***

F-E, S-E

**14.7. Maritime transport in bulk according to IMO instruments**

IBC Instruction: IBC03

## SECTION 15: Regulatory information

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

***National regulations***

No data available

**15.2. Chemical safety assessment**

Yes

## SECTION 16: Other information

***Changes to previous revision***

changed substances in 3.2
changed H-phrases and P-phrases

***Phrase meaning***

Skin Irrit. 2 - Skin irritation, hazard category 2
Repr. 2 - Reproductive toxicity, hazard category 2
STOT RE 1 - Specific Target Organ Toxicity — Repeated exposure, hazard category 1
Eye Irrit. 2 - Eye irritation, hazard category 2
STOT SE 3 - Specific Target Organ Toxicity — Single exposure, hazard category 3
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3
Flam. Liq. 3 - Flammable liquids, hazard category 3
Acute Tox. 4 - inhalation - Acute toxicity, inhalation, hazard category 4
Skin Sens. 1A - Skin sensitisation, hazard category 1, sub-category 1A
Repr. 1B - Reproductive toxicity, hazard category 1B
Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1
Asp. Tox. 1 - Aspiration hazard, hazard category 1
Aquatic Chronic 4 - Hazardous to the aquatic environment — Chronic hazard category 4
H226 Flammable liquid and vapour.
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.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H360Fd May damage fertility. Suspected of damaging the unborn child.
H361d Suspected of damaging the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure .
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.
EUH208 Contains Cobolt bis(2-ethylhexanoate). May produce an allergic reaction.

**Other**

***Additional information***

This information is based on the information known to us at the time of preparation and it has been given in good faith and on the condition that the product is used under normal conditions and in accordance with the specified method of use. Any other use of the product, if any. together with other products or processes, takes place at the user's own risk.