

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

### HaBaFlex Fishing Lure Plastisol Harderner

Version number: 2.0 19-8-2020 First version: 07-06-2016

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#### 1.1 Product identifier

**Identification of the substance** Contains no hazardous ingredients According to Regulation (EC) No. 1272/2008 (CLP).

**Trade name:** HaBaFlex Fishing Lure Plastisol Harderner

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

**Recommended use:**

Producing of Artificial Fishing Lures

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

HaBaFlex

Ratelaar 5

8281KZ Genemuiden

Holland

Telephone: +31 6 4327 2262

**e-mail (competent person)** info@habaflex.nl

**contact** Hannuk Bakker

#### 1.4 Emergency telephone number

As above or next toxicological information centre.

#### 2.1 Classification of the substance or mixture

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

This substance does not meet the criteria for classification in accordance with Regulation No 1272/

2008/EC.

**The most important adverse physicochemical, human health and environmental effects**

Spillage and fire water can cause pollution of watercourses.

#### 2.2 Label elements

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

not required

#### 2.3 Other hazards

There is no additional information.

**Results of PBT and vPvB assessment**

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

#### 3.1 Substances

**Name of substance** HaBaFlex Fishing Lure Plastisol Harderner

**Molar mass** 456.6 g/mol

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#### 4.1 Description of first aid measures

##### General notes

In all cases of doubt, or when symptoms persist, seek medical advice.

##### Following inhalation

Provide fresh air.

##### Following skin contact

Wash with plenty of soap and water.

##### Following eye contact

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

##### Following ingestion

Rinse mouth. Do not induce vomiting.

Get medical advice/attention if you feel unwell.

##### Notes for the doctor

none

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

These information are not available.

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

none

#### 5.1 Extinguishing media

##### Suitable extinguishing media

water spray, alcohol resistant foam, fire extinguishing powder, carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

water jet

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

Hazardous decomposition products: Section 10.

##### Hazardous combustion products

carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), irritant vapors / gases

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

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.

##### Special protective equipment for firefighters

self-contained breathing apparatus (EN 133)

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

#### **For non-emergency personnel**

Ventilate affected area.

Special danger of slipping by leaking/spilling 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.

#### **For emergency responders**

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

### **6.2 Environmental precautions**

Remove from the water surface (e.g. skimming, sucking).

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 clean up a spill**

Collect spillage.

Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

#### **Appropriate containment techniques**

Use of adsorbent materials.

#### **Other information relating to spills and releases**

Place in appropriate containers for disposal.

Ventilate 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.

### **7.1 Precautions for safe handling**

#### **Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation.

Keep away from sources of ignition - No smoking.

#### **Measures to protect the environment**

Avoid release to the environment.

#### **Advice on general occupational hygiene**

Do not eat, drink and smoke in work areas.

Wash hands after use.

Preventive skin protection (barrier creams/ointments) is recommended.

Remove contaminated clothing and protective equipment before entering eating areas.

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

#### **Flammability hazards**

None.

#### **Incompatible substances or mixtures**

Incompatible materials: see section 10.

#### **Protect against external exposure, such as**

high temperatures, humidity, UV-radiation/sunlight

#### **Consideration of other advice**

Keep away from food, drink and animal feedingstuffs.

#### **Packaging compatibilities**

Keep only in original container

### **7.3 Specific end use(s)**

No information available.

## **8.1 Control parameters**

### **Human health values**

#### **Relevant DNELs and other threshold levels**

DNEL 35.3 mg/m<sup>3</sup> human, inhalatory worker (industry) chronic - systemic effects

DNEL 10 mg/kg bw/

day

human, dermal worker (industry) chronic - systemic effects

### **Environmental values**

#### **Relevant PNECs and other threshold levels**

PNEC 0.1 mg/l freshwater

PNEC 10 µg/l marine water

PNEC 100 mg/l sewage treatment plant (STP)

PNEC 426.6 mg/kg freshwater sediment

PNEC 42.66 mg/kg marine sediment

PNEC 85.07 mg/kg soil

## **8.2 Exposure controls**

### **Appropriate engineering controls**

General ventilation.

### **Individual protection measures (personal protective equipment)**

#### **Eye/face protection**

Wear eye/face protection.

#### **Hand protection**

Protective gloves

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## Protective gloves

PVC: polyvinyl chloride  $\geq 0,5$  mm >30 minutes (permeation: level 2)

CR: chloroprene (chlorobutadiene)  
rubber

$\geq 0,5$  mm >30 minutes (permeation: level 2)

NBR: acrylonitrile-butadiene rubber  $\geq 0,4$  mm >30 minutes (permeation: level 2)

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves

mentioned above together with the supplier of these gloves.

## Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## Environmental exposure controls

Use appropriate container to avoid environmental contamination.

Keep away from drains, surface and ground water.

## 9.1 Information on basic physical and chemical properties

### Appearance

Physical state liquid

Form fluid

Colour creamy white

Odour mild

### Other safety parameters

pH (value) 7 (20 ° C)

Melting point/freezing point -40.7 ° C

Initial boiling point and boiling range 260 ° C

Flash point 350 ° C

(o.c.)

Evaporation rate these information are not available

Flammability (solid, gas) not relevant

(fluid)

### Explosive limits

**Lower explosion limit (LEL)** these information are not available

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**Upper explosion limit (UEL)** these information are not available

Vapour pressure 0.001 Pa at 20 ° C

Density 1,250 g/cm<sup>3</sup> at 20 ° C

Vapour density these information are not available

Relative density these information are not available

### **Solubility(ies)**

**Water solubility** 47 µg/l at 20 ° C

insoluble

### **Partition coefficient**

n-octanol/water (log KOW) 8.84

**Soil organic carbon/water (log KOC)** >5.63

Auto-ignition temperature these information are not available

Relative self-ignition temperature for solids not relevant

(Fluid)

Decomposition temperature these information are not available

### **Viscosity**

**Kinematic viscosity** these information are not available

**Dynamic viscosity** 600 mPa s at 20 ° C

(ECHA)

Explosive properties not explosive

Oxidising properties shall not be classified as oxidising

## **9.2 Other information**

**Surface tension** 30.4 mN/m (20 ° C)

(ECHA)

## **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.

## **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.

### 10.5 Incompatible materials

oxidisers

### 10.6 Hazardous decomposition products

By temperatures >200°C hydrogen chloride (HCl) will occur

### 11.1 Information on toxicological effects

If not otherwise specified the classification is based on:

Animal studies; Evidence from any other toxicity tests; Expert judgement (weight of evidence determination).

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

This substance does not meet the criteria for classification in accordance with Regulation No 1272/

2008/EC.

#### Acute toxicity

Shall not be classified as acutely toxic.

#### Acute toxicity

oral LD50 >2,000 mg/kg rat OECD Guideline

423

ECHA

dermal LD50 >2,000 mg/kg rat OECD Guideline

402

ECHA

#### 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

##### Skin sensitisation

Shall not be classified as a skin sensitiser.

##### Respiratory sensitisation

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

#### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

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## **Carcinogenicity**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Reproductive toxicity**

Shall not be classified as a reproductive toxicant.

## **Specific target organ toxicity - single exposure**

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

## **Specific target organ toxicity - repeated exposure**

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

## **Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

## **12.1 Toxicity**

### **Aquatic toxicity (acute)**

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

LC50 >100 mg/

l

japanese ricefish/

medaka (*Oryzias latipes*)

OECD Guideline 203 ECHA 96 h

EC50 >0.17

mg/l

daphnia magna OECD Guideline 202 ECHA 48 h

ErC50 >0.27

mg/l

algae (*pseudokirchneriella*

*subcapitata*)

OECD Guideline 201 ECHA 72 h

### **Aquatic toxicity (chronic)**

No data available.

## **12.2 Persistence and degradability**

### **Process of degradability**

oxygen depletion 54.1 % 28 d OECD Guideline 301 C ECHA

### **Biodegradation**

Not readily biodegradable.

### **Persistence**

Data are not available.



**12.3 Bioaccumulative potential**

**n-octanol/water (log KOW)** 8.84

(ECHA)

**BCF** 0

(ECHA)

**12.4 Mobility in soil**

**The Organic Carbon normalised adsorption coefficient**

>5.63

(ECHA)

**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.

**Remarks**

Wassergefährdungsklasse, WGK (water hazard class): 2

**13.1 Waste treatment methods**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Sewage disposal-relevant information**

Do not empty into drains.

**Waste treatment of containers/packagings**

Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

**Remarks**

Please consider the relevant national or regional provisions.

**14.1 UN number** not subject to transport regulations

**14.2 UN proper shipping name** -

**14.3 Transport hazard class(es)**

**Class** -

**14.4 Packing group** -

**14.5 Environmental hazards** -

**14.6 Special precautions for user**

There is no additional information.

**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.

**14.8 Information for each of the UN Model Regulations**

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

Not subject to ADR, RID and ADN.

**International Maritime Dangerous Goods Code (IMDG)**

Not subject to IMDG.

**International Civil Aviation Organization (ICAO-IATA/DGR)**

Not subject to ICAO-IATA.

**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**

not listed

**List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list**

not listed

**Seveso Directive**

Not assigned.

**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

**Regulation 98/2013/EU on the marketing and use of explosives precursors**

not listed

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

## Abbreviations and acronyms

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)

BCF Bioconcentration factor

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

DGR Dangerous Goods Regulations (see IATA/DGR)

DNEL Derived No-Effect Level

EC50 Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval

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

ErC50  $\equiv$  EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control

GHS "Globally Harmonized 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 Organization

IMDG International Maritime Dangerous Goods Code

LC50 Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval

LD50 Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval

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

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)

SVHC Substance of Very High Concern  
vPvB Very Persistent and very Bioaccumulative

## **Key literature references and sources for data**

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

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

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

## **Responsible for the safety data sheet**

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## **Disclaimer**

This information is based upon the present state of our knowledge.

This SDS has been compiled and is solely intended for this product.