

Safety Data Sheet

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

HaBaFlex Fishing Lure Plastisol Softener

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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 Softener

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

Relevant identified uses Plasticiser, Lubricant

Ingredient in coatings, inks, adhesives and sealants

Plastics processing

Lubricant additive

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 Softener

Molar mass 396.6 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 (CO₂)

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 (CO₂), 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/m³ 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 colourless

Odour these information are not available

Odour threshold these information are not available

Other safety parameters

pH (value) 7 (20 ° C)

Melting point/freezing point -40.7 ° C

Initial boiling point and boiling range 406.4 ° C

Flash point 217 ° 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 0.954 g/cm³ 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 44.2 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

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill

and heating are not known.

Hazardous combustion products: see section 5.

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.

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)

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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.