

**Safety Data Sheet dated 30/11/2015**  
**HaBaFlex Fishing Lure heat stabilizer**  
**Printing date:30/11/2015**

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

1.1. Product identifier

Trade name: HaBaFlex heat stabilizer

Chemical description: Mixture of organic salts of zinc and calcium of fatty acids

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

Recommended use:

Industrial uses.

1.3. Details of the supplier of the safety data sheet

Supplier:

Tel.: +31(0)64 3272262 –

mail: habaflex@outlook.com

Competent person responsible for the safety data sheet:

H.Bakker

1.4. Emergency telephone number

+31(0)64 3272262

**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

None.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:No other hazards

**SECTION 3: Composition/information on ingredients**

3.1. Substances N.A.

3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

No ingredients to be listed.

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. Seek immediately medical advice.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Not known.

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

Treatment:

Not known.

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

Not known.

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

Do not inhale explosion and combustion gases.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## **SECTION 6: Accidental release measures**

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

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

### 6.4. Reference to other sections

See also section 8 and 13

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

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

Keep away from food, drink and feed.

Instructions as regards storage premises:

Adequate ventilation in working area.

Packaging suggested: Plastic drums.  
7.3. Specific end use(s) None in particular

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

N.D.

PNEC Exposure Limit Values

N.D.

### 8.2. Exposure controls

Eye protection:

Use close fitting safety goggles. (ref. EN 166, EN 140, EN175).

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton. (ref. EN 340).

Protection for hands:

Chemical-resistant protective gloves (EN 374). When prolonged or frequently repeated

contact may occur, a glove is recommended to prevent contact. Examples of preferred glove barrier materials include: Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). As general indication we suggest as suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (NBR;  $\geq 0.4$  mm thickness) and suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR;  $\geq 0.4$  mm thickness). This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances-mixtures.

Respiratory protection:

Use adequate protective respiratory equipment. (ref. EN 136, EN 140, EN 141, EN 143, EN 149, EN 405).

Thermal Hazards:

None

Environmental exposure controls:

None

## **SECTION 9: Physical and chemical properties**

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

Appearance and colour: Liquid

Odour: Characteristic

Odour threshold: N.D.

pH: N.D.

Melting point / freezing point: N.D.

Initial boiling point and boiling range: N.D.

Solid/gas flammability: N.D.

Upper/lower flammability or explosive limits: N.D.

Vapour density: N.D.

Flash point: N.D.

Evaporation rate: N.D.

Vapour pressure: N.D.

Relative density: ca. 0.99

Solubility in water: Insoluble.

Solubility in oil: N.D.

Partition coefficient (n-octanol/water): N.D.

Auto-ignition temperature: N.D.

Decomposition temperature: N.D.  
Viscosity: N.D.  
Explosive properties: N.D.  
Oxidizing properties: N.D.  
9.2. Other information  
Miscibility: N.D.  
Fat Solubility: N.D.  
Conductivity: N.D.  
Substance Groups relevant properties N.D.

## **SECTION 10: Stability and reactivity**

10.1. Reactivity  
Stable under normal conditions  
10.2. Chemical stability  
Stable under normal conditions  
10.3. Possibility of hazardous reactions  
Stable under normal conditions  
10.4. Conditions to avoid  
Stable under normal conditions.  
10.5. Incompatible materials  
Not known  
10.6. Hazardous decomposition products: Not known.

## **SECTION 11: Toxicological information**

11.1. Information on toxicological effects  
Toxicological information of the mixture:  
a) acute toxicity:  
LD50 Oral Rat > 2000 mg/kg Calculated data.  
b) skin corrosion/irritation:  
Skin Irritant : repeated and prolonged contacts may cause slight irritation.  
c) serious eye damage/irritation:  
Eye Irritant : repeated and prolonged contacts may cause slight irritation.  
Toxicological information of the main substances found in the mixture:  
Other : N.D.  
If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.D.:  
a) acute toxicity;  
b) skin corrosion/irritation;  
c) serious eye damage/irritation;  
d) respiratory or skin sensitisation;  
e) germ cell mutagenicity;  
f) carcinogenicity;  
g) reproductive toxicity;  
h) STOT-single exposure;  
i) STOT-repeated exposure;  
j) aspiration hazard.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

Ecological information of the mixture:

a) Aquatic acute toxicity:

Notes: LC50 > 100 mg/l - aquatic species (according to the criteria of the CLP Regulation).

### 12.2. Persistence and degradability

Ecological information of the mixture:

N.D.

### 12.3. Bioaccumulative potential

Ecological information of the mixture:

N.D.

### 12.4. Mobility in soil

Ecological information of the mixture:

N.D.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Other adverse effects

None

Use according to criteria of good industrial practice, avoiding product dispersion in the environment.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

If possible recover the product, otherwise dispose of in authorized landfill or incineration in accordance with local regulation.

## **SECTION 14: Transport information**

### 14.1. UN number

N.A.

### 14.2. UN proper shipping name

Proper Shipping Name: N.A.

### 14.3. Transport hazard class(es)

Road (ADR): N.A.

Air (ICAO/IATA): N.A.

Sea (IMO/IMDG): N.A.

### 14.4. Packing group

ADR-Packing Group: N.A.

### 14.5. Environmental hazards

Environmental Pollutant: No

### 14.6. Special precautions for user

N.A.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.D.

## SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH).

For non-EU Countries, the Material Safety Data Sheet it is prepared following the main principles of Globally Harmonized System of Classification and Labelling of Chemicals (GHS) which are adopted worldwide.

Refer to other local regulations that may be relevant (i.e. : sanitary control, waste treatment etc.)

15.2. Chemical safety assessment

No

## SECTION 16: Other information

N.A. = Not Applicable

N.D. = No Data available

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

TOXNET - Databases on toxicology, hazardous chemicals, environmental health, and toxic releases;

NIOSH - Registry of toxic effects of chemical substances (1983) - Occupational Health Guidelines for Chemical Hazards (1995) - Pocket Guide to Chemical Hazards (on line)

European Chemical Bureau - ESIS: European chemical Substances Information System;

CESIO - Classification and labelling of anionic, nonionic surfactants (January 2000).

M.Sittig-Handbook of toxic and Hazardous Chemicals and Carcinogens- III Ed.

E.R. Plunkett - Handbook of Industrial Toxicology - III Ed. 1991.

Samson Chem. Pub.-Chemical Safety Sheet working safely with hazardous chemical.

SAX'S Dangerous Properties of Industrial Materials. VIII (1993)

ACGIH "2013 TLVs and BEIs".

ILV "1998/24/EC Directive and subsequent addition".

The product must be stored, handled and used according to criteria of good industrial practice and to regulations in force. This leaflet is offered for your consideration and guidance only. This leaflet complements the Technical Data Sheet but does not replace it. The information herein contained is given to the best of our knowledge at the time of issue.

Due to the several ways in which the product may be used and the possible interaction with variables not depending on or unknown to the supplier, we also cannot accept any liability whatsoever for any loss or damage however arising from the handling and use of our products.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
IMDG: International Maritime Code for Dangerous Goods.  
INCI: International Nomenclature of Cosmetic Ingredients.  
KSt: Explosion coefficient.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
LTE: Long-term exposure.  
PNEC: Predicted No Effect Concentration.  
REACH: Registration Evaluation and Authorization of Chemicals.  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
STE: Short-term exposure.  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
SVHC: Candidate List of Substances of Very High Concerns.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
WGK: German Water Hazard Class.