

01-12-2023

SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name TORIOS MLT (Lure for RED FLOUR, CONFUSED FLOUR, SAW-TOOTH GRAIN BEETLE, LESSER GRAIN BORER, FLAT GRAIN BEETLE, KHAPRA BEETLE, MAIZE WEEVIL)
CAS No. Not applicable.
EC No. Not applicable.
REACH registration No. None assigned.

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

Identified use(s) Lure for monitoring device.
Uses advised against Use only for intended applications.

1.3 Details of the supplier of the safety data sheet

Manufacturer
Company identification FUJI FLAVOR CO., LTD.
Address of manufacturer 3-5-8, Midorigaoka, Hamura-shi, Tokyo, Japan
Postal code 205-8503
Telephone: +81-42-555-5186
E-mail ecomone-inquiry@jt.com
Office hours 08:30 - 17:25 (JST)

Supplier
Company identification EU importer:
Address of supplier Address of the importer
Postal code Not known.
Telephone: Phone number of the importer
Fax Not known.
E-mail E-mail
Office hours

1.4 Emergency telephone number

Emergency phone No. +81-42-555-5186 (Office hours 08:30 - 17:25 (JST))
National response center No information available.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) This article is not hazardous.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)
Product name TORIOS MLT (Lure for RED FLOUR, CONFUSED FLOUR, SAW-TOOTH GRAIN BEETLE, LESSER GRAIN BORER, FLAT GRAIN BEETLE, KHAPRA BEETLE, MAIZE WEEVIL)
Hazard pictogram(s) None.
Signal word(s) None.
Hazard statement(s) None.
Precautionary statement(s) None.

2.3 Other hazards

A PBT/vPvB assessment has not been carried out.
Endocrine disrupting properties : Not known.

2.4 Additional information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT (S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Disc *	25822-09-7 etc.	-	55- 65	Not classified	None
Polyethylene film *	9002-88-4	618-339-3	15- 25	Not classified	None
Paper *	-	-	10- 15	Not classified	None
(4R)-4, 8-Dimethyldecanal *	632340-07-9	-	<1.0	Not classified.	None
Dominicalure I *	80510-15-2	-	<1.0	Not classified.	None
Dominicalure II *	80510-16-3	-	<1.0	Not classified.	None
Sotolone *	28664-35-9	249-136-4	<1.0	Not classified.	None
(Z)-14-Methylhexadec-8-enal *	60609-53-2	262-326-1	<0.5	Not classified.	None
5-Hydroxy-4-methyl-3-heptanone *	79314-57-1	-	<0.5	Not classified.	None
(Z)-14-Methyl-oxacyclotetradec-6-en-2-one *	78418-66-3	-	<0.1	Not classified.	None
Colorant	Confidential	Confidential	<0.1	Not classified.	None

*: Voluntary disclosure.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin contact	Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Wash out mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical advice/attention if you feel unwell.
Advice for first aider	Ensure first aiders are trained for rescue. Wear appropriate personal protective equipment, avoid direct contact.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Call a POISON CENTER/doctor, if swallowed or if inhaled in large quantities.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Extinguish with waterspray, dry chemical or alcohol foam. Carbon dioxide
Unsuitable extinguishing media	No information available.

5.2 Special hazards arising from the substance or mixture

Fire/Explosion risk. : Low hazard
Combustible. Decomposition products may include toxic gas.

5.3 Advice for firefighters

Shut off source of leak if safe to do so. Portable containers should be moved if possible and without risk. Cool containers exposed to flames with water until well after the fire is out. Keep containers cool by spraying with water if exposed to fire. Treat using the best available techniques before discharge into drains or the aquatic environment. Use appropriate containment to avoid environmental contamination. Keep upwind. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Wear appropriate personal protective equipment, avoid direct contact.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear protective clothing as per section 8. Avoid inhalation and contact with eyes or skin. Large spillages: Ventilate area. Enter closed rooms only if they are sufficiently ventilated.

6.2 Environmental precautions

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Collect spillage. Collect as much as possible in clean container for reuse or disposal. Avoid contact with heat and ignition sources.

6.4 Reference to other sections

See also section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear appropriate personal protective equipment, avoid direct contact. Provide adequate ventilation. Do not handle until all safety precautions have been read and understood. Avoid inhalation and contact with eyes or skin. Use only in well-ventilated areas. Do not taste or swallow. Avoid contact with heat and ignition sources and oxidizers. Do not tear the transparent film of the lure. Wash hands and exposed skin thoroughly after handling. When using do not eat, drink or smoke. Remove contaminated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Storage measures

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep container closed when not in use. Keep away from heat, sources of ignition and direct sunlight. Keep only in the original container. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children. Suitable containers: No information available. Unsuitable containers: No information available.

Storage temperature

Ambient. Do not freeze.

Storage life

See packaging box.

Incompatible materials

Strong oxidising agents.

7.3 Specific end use(s)

Lure for monitoring device.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational exposure limits No occupational exposure limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye protection

Not normally required. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection

Wear protective gloves. Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.



Respiratory protection

Normally no personal respiratory protection is necessary. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.



Thermal hazards None known.

8.2.3. Environmental exposure controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid. Colour : White to pale yellow.
Odour	Characteristic odour.
Odour threshold	Not known.
pH	Not applicable.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not applicable.
Flash point	Not applicable.
Flammability (solid, gas)	Flammable
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Insoluble in water. (Part of the components: May dissolve out if the lure is immersed in water for a long time.) Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition temperature (° C)	Not known.
Viscosity	Not applicable.
Particle characteristics	Not applicable.
Explosive properties	Not known.
Oxidising properties	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions. Stable under the prescribed storage conditions.

10.2 Chemical stability

Stable under normal conditions. Exposure to heat or light will cause deterioration of product. The following materials may erode the product: Mineral oil, Organic solvents.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

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

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Combustion products: Carbon monoxide, Carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified. No information available.
Acute toxicity - Skin Contact	Not classified. No information available.
Acute toxicity - Inhalation	Not classified. No information available.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified. No information available.
Skin sensitization data	Not classified. No information available.
Respiratory sensitization data	Not classified. No information available.
Germ cell mutagenicity	Not classified. No information available.
Carcinogenicity	Not classified. No information available.
Reproductive toxicity	Not classified. No information available.
Lactation	Not classified. No information available.
STOT - single exposure	Not classified. No information available.
STOT - repeated exposure	Not classified. No information available.
Aspiration hazard	Not classified. No information available.

11.2 Other information

Route(s) of entry : Inhalation, Ingestion, Skin contact, Eye contact
Effects and Symptoms : No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	No information available.
Toxicity - Fish	No information available.
Toxicity - Algae	No information available.
Toxicity - Sediment compartment	No information available.
Toxicity - Terrestrial compartment	No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

[PRODUCT]
No information available.
[INFORMATION ON INGREDIENTS]
(4R)-4,8-Dimethyldecanal: Log Pow : 4.8
(Z)-14-methylhexadec-8-enal: Log Pow : 8.0
5-Hydroxy-4-methyl-3-heptanone: Log Pow : 1.7

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

Montreal Protocol: Not listed.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site. Dispose of contents in accordance with

local, state or national legislation. Dispose of empty containers and wastes safely.

13.2 Additional Information

Large quantities: Dispose of wastes in an approved waste disposal facility. Inform waste disposal contractor about possible hazards.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine pollutant.

14.6 Special precautions for user

Always transport in closed containers that are upright and secure. Do not let this chemical/product enter the environment.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation

Not listed

REACH: ANNEX XIV list of substances subject to authorisation

Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Community Rolling Action Plan (CoRAP)

Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants

Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer

Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

Not known.

15.2 Chemical safety assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

LEGEND

Hazard pictogram(s) None.

Precautionary statement(s) None.

Acronyms CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

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