

SAFETY DATA SHEET

Seahorse XF Mito Fuel Flex Test Kit, Part Number 103260-100

Section 1. Identification

Product identifier	: Seahorse XF Mito Fuel Flex Test Kit, Part Number 103260-100		
Part No. (Chemical Kit)	: 103260-100		
Part No.	: Etomoxir	Not available.	
	: BPTES	Not available.	
	: UK5099	Not available.	

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

For research use only. Not for use in diagnostic procedures (RUO).

Etomoxir	6 x 0.379 mg
BPTES	6 x 17.083 mg
UK5099	6 x 17.360 mg

Supplier/Manufacturer	: Agilent Technologies Australia Pty Ltd 679 Springvale Road Mulgrave Victoria 3170, Australia 1800 802 402
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Emergency telephone number (with hours of operation)	: CHEMTREC®: +(61)-290372994
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Section 2. Hazard(s) identification

Classification of the substance or mixture

Etomoxir	ACUTE TOXICITY (oral) - Category 3	
H301	BPTES	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%
	UK5099	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%

GHS label elements

Hazard pictograms : Etomoxir



Signal word : Etomoxir DANGER
BPTES No signal word.
UK5099 No signal word.

Hazard statements : Etomoxir H301 - Toxic if swallowed.
BPTES No known significant effects or critical hazards.
UK5099 No known significant effects or critical hazards.

Precautionary statements

Prevention : Etomoxir P270 - Do not eat, drink or smoke when using this product.
P264 - Wash hands thoroughly after handling.
BPTES Not applicable.
UK5099 Not applicable.

Section 2. Hazard(s) identification

Response	: Etomoxir	P301 + P310 + P330 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth.
	BPTES	Not applicable.
	UK5099	Not applicable.
Storage	: Etomoxir	P405 - Store locked up.
	BPTES	Not applicable.
	UK5099	Not applicable.
Disposal	: Etomoxir	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	BPTES	Not applicable.
	UK5099	Not applicable.
Supplemental label elements		
Additional warning phrases	: Etomoxir	Not applicable.
	BPTES	Not applicable.
	UK5099	Not applicable.
Other hazards which do not result in classification	: Etomoxir	May form explosible dust-air mixture if dispersed.
	BPTES	None known.
	UK5099	None known.

Section 3. Composition and ingredient information

Substance/mixture	: Etomoxir	Substance
	BPTES	Mixture
	UK5099	Mixture

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
Etomoxir (R)-(+)-2-[6-(4-Chlorophenoxy)hexyl]-oxirane-2-carboxylic acid sodium salt	100	828934-41-4

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Etomoxir	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
	BPTES	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	UK5099	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Section 4. First aid measures

Inhalation	: Etomoxir	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	BPTES	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	UK5099	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: Etomoxir	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	BPTES	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	UK5099	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: Etomoxir	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	BPTES	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	UK5099	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Section 4. First aid measures

Potential acute health effects

Eye contact	: Etomoxir	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	BPTES	No known significant effects or critical hazards.
	UK5099	No known significant effects or critical hazards.
Inhalation	: Etomoxir	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
	BPTES	No known significant effects or critical hazards.
	UK5099	No known significant effects or critical hazards.
Skin contact	: Etomoxir	No known significant effects or critical hazards.
	BPTES	No known significant effects or critical hazards.
	UK5099	No known significant effects or critical hazards.
Ingestion	: Etomoxir	Toxic if swallowed.
	BPTES	No known significant effects or critical hazards.
	UK5099	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: Etomoxir	Adverse symptoms may include the following: irritation redness
	BPTES	No specific data.
	UK5099	No specific data.
Inhalation	: Etomoxir	Adverse symptoms may include the following: respiratory tract irritation coughing
	BPTES	No specific data.
	UK5099	No specific data.
Skin contact	: Etomoxir	No specific data.
	BPTES	No specific data.
	UK5099	No specific data.
Ingestion	: Etomoxir	No specific data.
	BPTES	No specific data.
	UK5099	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: Etomoxir	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	BPTES	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	UK5099	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: Etomoxir	No specific treatment.
	BPTES	No specific treatment.
	UK5099	No specific treatment.
Protection of first-aiders	: Etomoxir	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
	BPTES	No action shall be taken involving any personal risk or without suitable training.
	UK5099	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 4. First aid measures

	UK5099	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: Etomoxir	Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
	BPTES	None known.
	UK5099	None known.
Specific hazards arising from the chemical	: Etomoxir	May form explosible dust-air mixture if dispersed.
	BPTES	No specific fire or explosion hazard.
	UK5099	No specific fire or explosion hazard.
Hazardous thermal decomposition products	: Etomoxir	Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds carbonyl halides metal oxide/oxides
	BPTES	Decomposition products may include the following materials: halogenated compounds metal oxide/oxides
	UK5099	Decomposition products may include the following materials: halogenated compounds metal oxide/oxides
Special protective actions for fire-fighters	: Etomoxir	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	BPTES	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	UK5099	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Etomoxir	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	BPTES	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	UK5099	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Hazchem code	: Etomoxir	2X
	BPTES	Not available.
	UK5099	Not available.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: Etomoxir	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	BPTES	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	UK5099	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
For emergency responders	: Etomoxir	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	BPTES	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	UK5099	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Etomoxir	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	BPTES	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	UK5099	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
 <u>Methods and material for containment and cleaning up</u>		
Methods for cleaning up	: Etomoxir	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
	BPTES	Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal

Section 6. Accidental release measures

UK5099

contractor.
Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

: Etomoxir

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

BPTES

Put on appropriate personal protective equipment (see Section 8).

UK5099

Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene

: Etomoxir

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

BPTES

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

UK5099

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

: Etomoxir

Storage temperature: room temperature.
Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate

Section 7. Handling and storage

BPTES

from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Storage temperature: room temperature. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Storage temperature: room temperature. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

UK5099

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

None.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Section 8. Exposure controls and personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state	: Etomoxir BPTES UK5099	Solid. [Powder.] Solid. Solid.
Colour	: Etomoxir BPTES UK5099	White. White. White.
Odour	: Etomoxir BPTES UK5099	Not available. Odourless. Odourless.
Odour threshold	: Etomoxir BPTES UK5099	Not available. Not available. Not available.
pH	: Etomoxir BPTES UK5099	Not available. Not available. Not available.
Melting point	: Etomoxir BPTES UK5099	Not available. Not available. Not available.
Boiling point	: Etomoxir BPTES UK5099	Not available. Not available. Not available.
Flash point	: Etomoxir BPTES UK5099	Not available. Not available. Not available.
Evaporation rate	: Etomoxir BPTES UK5099	Not available. Not available. Not available.
Flammability (solid, gas)	: Etomoxir BPTES UK5099	Not available. Not available. Not available.
Lower and upper explosive (flammable) limits	: Etomoxir BPTES UK5099	Not available. Not available. Not available.
Vapour pressure	: Etomoxir BPTES UK5099	Not available. Not available. Not available.
Vapour density	:	

Section 9. Physical and chemical properties

	Etomoxir	Not available.
	BPTES	Not available.
	UK5099	Not available.
Relative density	: Etomoxir	Not available.
	BPTES	Not available.
	UK5099	Not available.
Solubility	: Etomoxir	Soluble in the following materials: cold water and hot water.
	BPTES	Soluble in the following materials: cold water and hot water.
	UK5099	Soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: Etomoxir	Not available.
	BPTES	Not available.
	UK5099	Not available.
Auto-ignition temperature	: Etomoxir	Not available.
	BPTES	Not available.
	UK5099	Not available.
Decomposition temperature	: Etomoxir	Not available.
	BPTES	Not available.
	UK5099	Not available.
Viscosity	: Etomoxir	Not available.
	BPTES	Not available.
	UK5099	Not available.

Section 10. Stability and reactivity

Reactivity	: Etomoxir	No specific test data related to reactivity available for this product or its ingredients.
	BPTES	No specific test data related to reactivity available for this product or its ingredients.
	UK5099	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: Etomoxir	The product is stable.
	BPTES	The product is stable.
	UK5099	The product is stable.
Possibility of hazardous reactions	: Etomoxir	Under normal conditions of storage and use, hazardous reactions will not occur.
	BPTES	Under normal conditions of storage and use, hazardous reactions will not occur.
	UK5099	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Etomoxir	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.
	BPTES	No specific data.
	UK5099	No specific data.
Incompatible materials	: Etomoxir	Reactive or incompatible with the following materials: oxidizing materials
	BPTES	May react or be incompatible with oxidising materials.
	UK5099	May react or be incompatible with oxidising materials.

Section 10. Stability and reactivity

Hazardous decomposition products	: Etomoxir	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	BPTES	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	UK5099	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitisation

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure : Etomoxir
BPTES
UK5099

Routes of entry anticipated: Oral, Dermal, Inhalation.
Routes of entry anticipated: Oral, Dermal, Inhalation.
Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Eye contact : Etomoxir

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

BPTES
UK5099

No known significant effects or critical hazards.
No known significant effects or critical hazards.

Inhalation : Etomoxir

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

BPTES
UK5099

No known significant effects or critical hazards.
No known significant effects or critical hazards.

Skin contact : Etomoxir
BPTES
UK5099

No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

Section 11. Toxicological information

Ingestion	: Etomoxir BPTES UK5099	Toxic if swallowed. No known significant effects or critical hazards. No known significant effects or critical hazards.
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Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Etomoxir BPTES UK5099	Adverse symptoms may include the following: irritation redness No specific data. No specific data.
Inhalation	: Etomoxir BPTES UK5099	Adverse symptoms may include the following: respiratory tract irritation coughing No specific data. No specific data.
Skin contact	: Etomoxir BPTES UK5099	No specific data. No specific data. No specific data.
Ingestion	: Etomoxir BPTES UK5099	No specific data. No specific data. No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Long term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Potential chronic health effects

Not available.

General	: Etomoxir BPTES UK5099	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. No known significant effects or critical hazards. No known significant effects or critical hazards.
Carcinogenicity	: Etomoxir BPTES UK5099	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: Etomoxir BPTES UK5099	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Teratogenicity	: Etomoxir BPTES UK5099	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Developmental effects	: Etomoxir BPTES UK5099	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Fertility effects	: Etomoxir BPTES UK5099	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Section 11. Toxicological information

Not available.

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons

5

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Section 15. Regulatory information

Not listed.

[Montreal Protocol \(Annexes A, B, C, E\)](#)

Not listed.

[Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

[Rotterdam Convention on Prior Informed Consent \(PIC\)](#)

Not listed.

[UNECE Aarhus Protocol on POPs and Heavy Metals](#)

Not listed.

[Inventory list](#)

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Europe	: Not determined.
Japan	: Japan inventory (ENCS) : Not determined. Japan inventory (ISHL) : Not determined.
Malaysia	: Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.

Section 16. Any other relevant information

[History](#)

Date of issue/Date of revision	: 20/11/2017
Date of previous issue	: 27/10/2017.
Version	: 2.2

[Key to abbreviations](#)

: ADG = Australian Dangerous Goods
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOHSC = National Occupational Health and Safety Commission
SUSMP = Standard Uniform Schedule of Medicine and Poisons
UN = United Nations

[Procedure used to derive the classification](#)

Classification	Justification
Etomoxir Acute Tox. 3, H301	Expert judgment

References : Not available.

Section 16. Any other relevant information

✔ Indicates information that has changed from previously issued version.

[Notice to reader](#)

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