SAFETY DATA SHEET

FUELSTAT® *One* Extraction Buffer

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

1.1 Product identifier

FUELSTAT® *One* Sample Extraction Buffer.

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

None. The test kit consists of an extraction buffer in a bottle for the extraction of microorganisms from hydrocarbon liquids. For specific application advice, consult your representative.

1.3 Details of the supplier of the safety data sheet

Conidia Bioscience Ltd
Unit 6 Surrey Technology Centre
40 Occam Road
Guildford, Surrey, GU2 7YG, UK
Tel: +44(0)1491 829102
Email: info@conidia.com

1.4 Emergency telephone number

Tel. 01491 829102 (mon to fri 9am to 5pm)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

Skin Sens. 1A H317 May cause an allergic skin reaction

2.2 Label elements

Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008



Signal word: Warning

H317 - May cause an allergic skin reaction

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

P272 - Contaminated work clothing should not be allowed out of the workplace P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention P363 - Wash contaminated clothing before re-use

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3 Other hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable - product is a mixture

3.2 Mixtures

Name	CAS or EC No,	Concentration	Classification
Methyl-2H-isothiazol-3-one (MIT)	CAS 2682-20-4 EC 220-239-6 Reg. No. 01-2120764690-50-XXXX	<0.1%	*Acute Tox. 2 H330* *Acute Tox. 3 H311* *Acute Tox. 3 H301* *Skin Corr. 1B H314* *Eye Dam. 1 H318* *Skin Sens. 1A H317* *Aquatic Acute 1 H400* *Aquatic Chronic 1 H410* *Concentration limits:* *>= 0.0015 %: Skin Sens. 1A, H317;* *M-Factor - Aquatic Acute: 10 - Aquatic Chronic: 1* *In accordance with CLP 1272/2008*
Calcium chloride hexahydrate	CAS 10035-04-8 EC 233-140-8 REACH Reg. No. 01-2119494219-28-XXXX	<9.5%	*Eye Irrit. 2; H319* *In accordance with CLP 1272/2008*
Non hazardous Ingredients		>90-%	*Not classified* *In accordance with CLP 1272/2008*

See section 16 for full description of H statements.

SECTION 4: First aid measures

4.1 Description of first aid measures

EYE CONTACT: Wash thoroughly with water for several minutes and obtain medical attention if signs of discomfort.

INHALATION: Remove from exposure. If breathing becomes difficult call a doctor.

SKIN CONTACT: Wash off with soap and water.
INGESTION: If swallowed, rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

EYE CONTACT: If liquid gets into the eye it may cause redness, stinging, watering of the eye.
INHALATION: Unlikely to be an inhalation in normal use.
SKIN CONTACT: Prolonged skin contact may cause drying of the skin.
INGESTION: Ingestion of the liquid may cause irritation to the mouth and throat, and symptoms similar to inhalation.

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray, alcohol resistant foam, dry powder and carbon dioxide extinguishers are suitable.

Under normal conditions the product will not support combustion.

5.2 Special hazards arising from the substance or mixture

No special hazards.

5.3 Advice for fire fighters

Fire fighters should wear protective clothing and breathing apparatus as appropriate.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Exclude unnecessary personnel. Open doors and windows to ensure good ventilation. Eliminate ignition sources.

6.2 Environmental precautions

Prevent entry into sewers and watercourses.

6.3 Methods and materials for containment and clearing up

Collect and place in a sealable container for disposal.

6.4 References to other sections

See section 8 and 13 for further advice.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid contact with eyes and prolonged contact with skin.

7.2 Conditions for safe storage, including any incompatibilities

Store in its original labelled container in a cool, well ventilated area. Store away from direct light. Keep out of reach of children and animals. Store at 10°C to 30°C and preferably dry. To avoid deterioration at higher ambient temperatures kit may be stored in a refrigerator. Keep container tightly closed when not in use. Dispose after use according to local waste regulations.

7.3 Specific end uses(s)
No special precautions.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
There is no appropriate occupational exposure limit for this material. Ensure good ventilation. Avoid inhalation of sample that may be accidentally released or when disposing of used bottle.

8.2 Exposure controls
Normal room ventilation is expected to be adequate.

Respiratory protection
Not normally required.

Hand Protection
Butyl rubber, nitrile rubber, Viton (fluoroelastomer) may be suitable, but glove manufacturers recommendations should always be checked.

Eye protection
Safety glasses or goggles may be appropriate.

Skin protection
Suitable protective clothing should be worn. Remove protective clothing when contaminated and wash before reuse.

Environmental Exposure Controls
Not normally required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

(a) Physical Sate:	Clear liquid
(b) Colour:	Blue Solution
(c) Odour:	Not known
(d) Melting point/freezing point:	Not known
(e) Boiling point or initial boiling point and boiling range:	Not known
(f) Flammability:	Not Flammable
(g) Lower and upper explosion limit:	Not known
(h) Flash point:	Not known
(i) Auto-ignition temperature:	Not known
(j) Decomposition temperature:	Not known
(k) pH:	7.4
(l) Kinematic viscosity:	Not known
(m) Solubility:	In water Completely miscible

(n) Partition coefficient n-octanol/water (log value):	Not known
(o) Vapour pressure:	Not known
(p) Density and/or relative density:	Not known
(q) Relative vapour density :	Not known
(r) Particle characteristics:	Not known

9.2 Other information
None.

SECTION 10: Stability and reactivity

10.1 Reactivity
Not considered to be reactive.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
None expected.

10.4 Conditions to avoid
Avoid exposure to high and freezing temperatures.

10.5 Incompatible materials
Avoid contact with strong oxidisers.

10.6 Hazardous decomposition products
None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

(a) acute toxicity	no data
(b) skin corrosion/irritation	no data
(c) serious eye damage/irritation	no data
(d) respiratory/skin sensitisation	no data
(e) germ cell mutagenicity	no data
(f) carcinogenicity	no data
(g) reproductive toxicity	no data
(h) STOT-single exposure	no data
(i) STOT-repeated exposure	no data
(j) aspiration hazard	no data

11.2 Information on other hazards
Not applicable.

SECTION 12: Ecological information

12.1 Toxicity
Not expected to be toxic to the environment - no data.

12.2 Persistence and degradability
The material is readily biodegradable.

12.3 Bioaccumulative potential
No evidence of bioaccumulation occurring.

12.4 Mobility in soil
No data.

12.5 Results of PBT and vPvB assessment
No data.

12.6 Endocrine disrupting properties
None known.

12.7 Other adverse effects
None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Wastes should be disposed of in accordance with local regulations.
Dispose of through licensed waste disposal contractor in accordance with local regulations. For used product, consideration should be given to any contaminants before deciding on the disposal method.

SECTION 14: Transport information

14.1 UN Number or ID number
Not classified as hazardous for transport.

14.2 UN Proper Shipping Name
Not classified as hazardous for transport.

14.3 Transport hazard class(es)
Not classified as hazardous for transport.

14.4 Packing Group
Not classified as hazardous for transport.

14.5 Environmental hazards
Not classified as hazardous for transport.

14.6 Special precautions for users
Not classified as hazardous for transport.

14.7 Maritime transport in bulk according to IMO instruments
Not classified as hazardous for transport.

SECTION 15: Regulatory information

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

Not classified as hazardous for supply.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other Information

Revision information:
SDS reviewed – no significant changes

List of Abbreviations used in this SDS:

CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging Regulation (EC) no 1272/2008 DSD Dangerous Substances Directive 67/548/EEC
DPD	Dangerous Preparations Directive 1999/45/EC EC European Community/Commission
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB	very Persistent, very Bioaccumulative

References:
CLP Regulation 1272/2008
ECHA Chem database of registered substances
Suppliers SDS

Method used for classification of mixtures:
Ingredient based approaches

H Statements used in Section 3
H301 Toxic if swallowed
H311 Toxic in contact with skin
H314 Causes severe skin burns and eye damage
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H319 Causes serious eye irritation
H330 Fatal if inhaled
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

Training requirements for workers
No special training requirements.

Revision Date: 7/10/2024

Version number: 1.1

Revision Comments: Changed UK address

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transport, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Who we are:

FUELSTAT® fuel tests are developed, manufactured and marketed by Conidia Bioscience Limited. Based in UK, Conidia Bioscience Limited was founded in early 2000's by experts in immunoassay techniques and holds the internationally patented intellectual property for FUELSTAT®.

FUELSTAT® Result is hosted by Conidia Bioscience Limited and its service partners on secure servers and does not share any data with third parties.

Where to find us:

FUELSTAT® is distributed globally by a network of specialist distributors covering the major sectors. Contact info@conidia.com who will arrange for a distributor to support you.

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