

Safety Data Sheet

ACCORDING TO EC-REGULATIONS 1907/2006



Cooker Additive XO1482TA

1. Identification of the substance/mixture and company/undertaking

1.1 Product identifier

Product Name: Exocet Cooker Additive XO1482TA

Product Description: Liquid fuel Additive for range cookers

CAS No.: No CAS number assigned to mixture

EC No.: No EC number assigned to mixture

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

Identified use(s): Liquid fuel additive

1.3 Details of the supplier of the safety data sheet

Company identification: Fuel Additive Science Technologies Limited
Unit 29 Atcham Business Park,
Upton Magna, Shrewsbury,
Shropshire, SY4 4UG
Tel: +44 1743 761415

1.4 Emergency telephone number

In case of emergency Tel. 0844 560 5135 (24 hours, 7 days)

2. Hazard Identification

2.1 According to Directive 67/548/EEC & Directive 1999/45/EC

Hazard pictogram(s):



Hazard Symbols(s): Harmful, Irritant, and Dangerous to the Environment

Risk phrase(s)

R10

Flammable.

R20/21/22

Harmful by inhalation, in contact with skin and if swallowed.

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	R38	Irritating to skin.
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R65	Harmful: May cause lung damage if swallowed.
Safety phrase(s)	S2	Keep out of reach of children
	S23	Do not breathe vapours
	S24/26/36	Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye 37/39 protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S61	Avoid release into the environment
	S62	If swallowed DO NOT INDUCE VOMITTING, seek medical attention showing label or container

3. Composition

3.1 EC Classification No 67/548/EC

Hazardous ingredients(s)	%W/W	CAS No.	EC No.	Classification
F-900	>90	8008-20-06	232-366-4	R10, Xn;R65. Xi;R38. N;R51/53
F-200	1-5	Not assigned	Not assigned	Xn;R20/21/22. Xi;R36/37. N;R51/53
F-650	1-5	64742-94-5	265-198-5	Xn, N; R51/53,65,66,67

The Full Text for all R and H Phrases are Displayed in Section 16

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4. First Aid Measures

4.1 Description of first aid measures

- EYE CONTACT:** Remove contact lenses if applicable. Wash eyes immediately with plenty of water for at least 15 minutes. Seek medical attention immediately.
- SKIN CONTACT:** Wash skin as soon as possible with soap and water. Change contaminated clothing immediately, and launder before reuse. Get medical advice if irritation persists.
- INGESTION:** Wash mouth out with water and give water to drink. If a large amount has been swallowed get medical advice; **DO NOT INDUCE VOMITING BECAUSE OF THE DANGER OF ASPIRATION.**
- INHALATION:** If inhalation of vapour causes irritation or drowsiness remove to fresh air, keep warm and at rest. Get medical advice if the symptoms continue.

4.2 Most important symptoms and effects, both acute and delayed:

Harmful if inhaled and in contact with skin. Irritating to eyes.

4.3 Indication of any immediate medical attention and special treatments needed:

If in contact with eyes, wash eyes immediately and seek medical attention.

5. Fire Fighting Measures

5.1 Extinguishing Media

Stop flow of material to fire. Fire can be extinguished using: Water fog or mist. Foam. Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc.

5.2 Special Fire Fighting Procedures

Avoid breathing fire vapours. Use water to keep fire exposed containers cool and disperse vapours.
Keep run-off water out of sewers and water sources.

5.3 Unusual Fire & Explosion Hazards

Vapours are heavier than air and may spread near ground to sources of ignition.

5.4 Specific Hazards

By heating and fire, harmful vapours/gases may be formed.

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5.5 Protective Measures In Fire

Wear full protective clothing. Use air-supplied respirator during fire fighting.

Flash point: >62°C

6. Accidental Release Measures

6.1 Environmental Precautions

Protect drains by covering to avoid any spillage entering the drainage system.

6.2 Spill Clean Up Methods

Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

Wear necessary protective Equipment. Absorb in vermiculite, dry sand or earth and place into containers. Disposal should be carried out in accordance with the Hazardous Waste Regulations. If any liquid enters the drainage system or watercourse inform the local authorities, Fire Brigade and Environment Agency

7. Handling And Storage

7.1 Usage Precautions

Do not use in confined spaces without adequate ventilation and/or respirator. Eliminate all sources of ignition. Keep away from heat, sparks and open flame. Avoid inhalation of vapours.

7.2 Usage Description

Pump at no greater than 7 metres per second. Avoid static build up by suitable earthing arrangements

7.3 Storage Precautions

Store in tightly closed original container in a dry and cool place. Keep away from heat, sparks and open flame.

7.4 Storage Class

Flammable liquid storage.

8. Exposure Controls/Personal Protection

8.1 ENGINEERING MEASURES

Must not be handled in confined space without sufficient ventilation.

8.2 RESPIRATORY PROTECTION

Airborne concentrations should be kept to lowest levels possible. If vapour, mist or dust is generated, use approved Filtering half mask (disposable) respirator (A1P1-filter) as appropriate. Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. Oxygen levels should be at least 19.5 % in confined spaces or other work areas.

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- 8.3 HAND AND SKIN PROTECTION** Protective clothing such as Flame retardant uniforms, coveralls or lab coats should be worn. Launder or dry-clean when soiled. North Red PVC gloves (Ref. 725), Nitrile Rubber or Viton gloves and lace up safety boots with steel toecaps resistant to chemicals and petroleum distillates required.
Eye protection Safety glasses, chemical type goggles or full face shield recommended to prevent eye contact.
Exposure limit for the product None established for product.



- 8.4 HYGIENE MEASURES**
Wash at the end of each work shift and before eating, smoking and using the toilet.
Wash promptly with soap & water if skin becomes contaminated.

DO NOT SMOKE IN WORK AREA

9. Physical And Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Dark, green liquid
Odour	Characteristic
Boiling Range °C	140 – 300
Flash Point (Abel) °C	>62°C
Flammability Limits % vol	1 - 6
Auto ignition temperature °C	approx. 240
Reid Vapour Pressure at 20 °C, kPa	<0.1
Density at 15°C	0.78 - 0.82
Solubility - water	Very low
Partition coefficient - Log Pow 3 - > 6	for components
Viscosity cSt @ 40°C	1 - 2
Vapour density (relative to air)	> 5
Evaporation rate (n butyl acetate = 1)	0.01
Benzene content % m/m	<0.1

10. Stability And Reactivity

- 10.1 Stability** Stable under ordinary conditions of use and storage.
- 10.2 Hazardous Decomposition Products**
May form carbon dioxide, carbon monoxide, sulphur oxides and nitrogen oxides when heated to decomposition.

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10.3 Hazardous Polymerization

Not expected to occur.

10.4 Incompatibilities

Strong oxidizing agents such as liquid chlorine.

10.5 Conditions to Avoid

Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

TOXICOLOGICAL INFORMATION No data available

INHALATION Irritating to respiratory system. Harmful by inhalation.

INGESTION No harmful effects expected in amounts likely to be ingested by accident. May cause stomach pain or vomiting.

SKIN CONTACT Irritating to skin. Prolonged contact may cause dryness of the skin.

EYE CONTACT May cause temporary eye irritation.

ROUTE OF ENTRY Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

12. Ecological Information

12.1 MOBILITY:

Spillages may penetrate the soil

12.2 PERSISTENCE AND DEGRADABILITY:

Expected to be inherently biodegradable.

12.3 POTENTIAL TO BIOACCUMULATE:

Evidence for moderate degree of bioaccumulation.

12.4 AQUATIC TOXICITY:

Some short-term toxicity to aquatic and marine organisms.

13. Disposal Considerations

13.1 DISPOSAL METHODS

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This material must be disposed of via an Authorised Waste/Disposal Company in accordance with Local and or National Waste Disposal Regulations.

WASTE CLASS Waste Code: Q7 01 04 Waste code 13.02.05

14. Transport Information

14.1 UN Number	UN 3082
14.2 UN Proper shipping name	ENVIRONMENTALLY - HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environmental hazards	Marine Pollutant
14.6 Special precautions for user	—

15. Regulatory Information

15.1 LABELLING



Harmful



Dangerous for the environment

CONTAINS KEROSENE "NOT SUBJECT TO ADR"

Risk phrase(s)	R10	Flammable.
	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
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Safety phrase(s)	S2	Keep out of reach of children
	S23	Do not breathe vapours

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|-----------|---|
| S24/26/36 | Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye 37/39 protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S61 | Avoid release into the environment |
| S62 | If swallowed DO NOT INDUCE VOMITTING, seek medical attention showing label or container |

UK REGULATORY REFERENCES

Highly Flammable Liquid Regulations 1972.
Health and Safety at Work Act 1974.
Health and Safety (First Aid) Regulations 1981.
CDG Road, The Classification, Packaging and Labelling Regulations 1996.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC.
Dangerous Preparations Directive 1999/45/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.
Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.
Classification and Labelling of Substances and Preparations
Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.
Workplace Exposure Limits 2005 (EH40)
Health and Safety at Work Act (As Amended) 1974

6. Other Information

GENERAL INFORMATION A middle distillate hydrocarbon

INFORMATION SOURCES Fire and Related Properties of Industrial Chemicals, Fire Protection Association.