

Material Safety Data

**A Searle
& Co**

Shell Water Detector

**Version
No.**

ISSUED

Status DRAFT

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name

Shell Water Detector

Product Type/Use

Article for determining the presence of finely dispersed un-dissolved water in jet fuel.

Company Name

A Searle & Co

Address

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Emergency Tel.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Preparation Description

Capsule containing chemicals absorbed onto chromatography paper at concentrations which do not require classification as dangerous under EC criteria.

3. HAZARDS IDENTIFICATION

EC Classification

Not classified as Dangerous under EC criteria.

Human Health Hazards

No specific hazards under normal use conditions. Keep out of the reach of children. Due to the physical nature of the capsule, it may present a choking hazard if accidentally swallowed.

Safety Hazards

Not classified as flammable, but will burn.

Environmental Hazards

Capsule contents are not classified as dangerous for the environment.

4. FIRST AID MEASURES

Symptoms and Effects

Not expected to give rise to an acute hazard under normal conditions of use.

Inhalation

Due to the physical nature of the capsule, inhalation is unlikely.

Skin

Due to the physical nature of the capsule, contact with skin is unlikely.

Eye

Due to the physical nature of the capsule, eye contact is unlikely.

Ingestion

In the unlikely event of ingestion, obtain medical attention immediately.

Advice to Doctor

Treat symptomatically. Chemicals present in the capsule are at such small quantities that they are not hazardous to human health.

Other Information

Used capsules may contain jet fuel/residue. Refer to supplier Safety Data sheet for medical advice pertaining to Jet Fuel.

5. FIRE FIGHTING MEASURES

Specific Hazards

Combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases.

Extinguishing Media

Foam and dry chemical powder. Carbon dioxide, sand or earth may be used.

Unsuitable Extinguishing Media

Use of halon extinguishers should be avoided for environmental reasons.

Protective Equipment

Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

When using the capsule, wear protection as appropriate for jet fuel, that is:-
avoid contact with skin and eyes.
wear PVC, Neoprene or nitrile rubber gloves.
wear safety glasses or full face shield if splashes are likely to occur.

Environmental Precautions

Use appropriate containment to avoid environmental contamination. Inform local authorities if this cannot be prevented.

Clean-up Methods

Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.

7. HANDLING AND STORAGE

Handling

Refer to manufacturer instructions for use. Take the necessary precautions when using jet fuel as advised in the relevant Fuel Safety Data Sheet.

Storage

Keep in a cool, dry, well-ventilated place. Use properly labelled and closable containers.

Storage Temperatures

0°C Minimum. 50°C Maximum.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure

Limits

No exposure limits established.

(OEL for Jet Fuel as total hydrocarbon vapour is 200mg/m³ (ACGIH))

Exposure Controls

Use local exhaust ventilation if there is a risk of inhalation of vapours, mists or aerosols (from jet fuel).

Respiratory Protection

Not normally required.

Hand Protection

PVC or nitrile rubber gloves when using jet fuel.

Eye Protection

Wear safety glasses or full face shield if splashes are likely to occur, when using jet fuel.

Environmental Exposure Controls

Minimise release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description

Opaque capsule containing small pale yellow disc.

Odour

None.

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to Avoid

Extremes of temperature and direct sunlight. Exposure to moist air/water vapour.

Materials to Avoid

Water

11. TOXICOLOGICAL INFORMATION

Basis for Assessment

Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products.

Eye Irritation

Not applicable

Skin Irritation

Not applicable.

Respiratory Irritation

Not applicable.

Carcinogenicity

Components are not known to be associated with carcinogenic effects.

Mutagenicity

Not considered to be a mutagenic hazard.

Reproductive Toxicity

Not considered to be toxic to reproduction.

Other Information

The above information refers to the Shell Water Detector kit. When in use refer to the Jet Fuel Safety Data Sheet for relevant detailed toxicological data.

12. ECOLOGICAL INFORMATION

Basis for Assessment

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Persistence / Degradability

Not expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Vent used product and dispose of all capsules as for other waste fuel contaminated articles, in accordance with prevailing regulations with a recognised collector or contractor. The competence of the contractor to deal satisfactorily with this type of product should be established beforehand. Do not pollute the soil, water or environment with the waste product.

Container Disposal

Recycle or dispose of aluminium container in accordance with the legislation in force with a recognised collector or contractor.

14. TRANSPORT INFORMATION

Transport Information

Not dangerous for transport under UN, IMO, and IATA/ICAO codes.

15. REGULATORY INFORMATION

EC Symbols

None.

Risk Phrase

Not classified under EU criteria.

Safety Phrase

Not classified under EU criteria.

EINECS

All components listed.

Packaging & Labelling

Do not swallow contents.

16. OTHER INFORMATION

Revisions Highlighted

No amendments made to information.

References

Contact your local supplier to obtain a Safety Data Sheet for Jet Fuel.

Restrictions

This product must not be used in applications other than recommended without first seeking the advice of the SHELL technical department.

Further Information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It does not constitute a guarantee for any specific property of the product.

End of SDS
