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Safety data sheet

1. PRODUCT INFORMATION

Product Name Air Force EP22 Airline Oil

Application Airline Lubricants
Company Morris Lubricants

Address Castle Foregate, Shrewsbury, SY1 2EL, United Kingdom

Telephone No (+44) (0)1743 232200 Fax No (+44) (0)1743 353584

2. COMPOSITION

Name CAS No. % Mass Symbols R Phrases

Severely refined mineral oil Mixture >80

(IP 346 DMSO extract <3%)

3. HAZARDS

This product is NOT classified as hazardous under current UK Health/Safety/Environmental Legislation, but should be handled in accordance with good industrial hygiene and safety practices.

Adverse Health Effects Repeated contact with the skin may result in skin irritation.

Other Hazards Large spills may cause contamination of soil and water

4. FIRST AID MEASURES

Inhalation If inhalation of mist fumes or vapour causes irritation to the nose or throat or

coughing remove to fresh air. If symptoms persist obtain medical advice.

Skin contact Remove contaminated clothing. Wash skin thoroughly using soap and water.

Eye contact Rinse with plenty of water (also under eyelids) for at least 10 minutes and seek

medical attention if symptoms persist.

Ingestion Seek medical attention if discomfort continues.

DO NOT INDUCE VOMITING.







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5. FIRE-FIGHTING MEASURES

entering watercourses.

Not to be used Direct water jet. (Use water only to keep fire exposed containers cool.)

Special fire fighting

In the event of a large fire self-contained breathing apparatus should be worn.

procedures v

WARNING Heat from a fire could possible result in drums bursting.

6. ACCIDENTAL RELEASE MEASURES

Contain and collect spillage with help of absorbent materials such as floor granules. Protect drains from potential spills to minimise contamination. If spillage enters drains call Environment Agency Emergency hotline on 0800 807060. Product waste should be disposed of according to item 13.

7. HANDLING & STORAGE

Handling Precautions should be taken against skin and eye contact. Avoid inhalation of

vapour mist or fume. Do not wear contaminated clothing. Wear safety shoes

when handling containers.

Storage Store away from sources of strong heat and strong oxidising chemicals. Keep

containers tightly closed in a cool dry, well ventilated place.

Take precautionary measures to prevent spills into drains, soil or water.

External tanks or stillage should be bunded.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering Measures

Ensure good ventilation. Use protective equipment and/or local ventilation when needed. Avoid skin contact and inhalation of oil mist.

Exposure Values Comply with current local occupation exposure limit.

It is recommended that mineral oil mists are kept below 5mg/m³ (8hr

T.W.A. value) EH40.

Protection and Hygiene Wash hands before breaks and immediately after handling the product.

Thoroughly clean contaminated skin and change dirty clothing and

equipment.

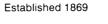
Respiratory Protection Oil Mist: respirator (combined particle and organic vapour filter type

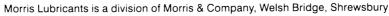
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Protective gloves (PVC, Nitrile rubber) For further information consult **Hand Protection**

> glove manufacturer for recommendations of glove type associated with your particular application. So that break through times can be assessed.

Show this data sheet

Safety goggles if there is a risk of splashing **Eye Protection**

Protective clothing when needed. **Skin Protection**

9. PHYSICAL & CHEMICAL PROPERTIES: typical data

Mobile liquid Appearance at 20°C

Oil Odour Neutral рН $0.884 \,\mathrm{g/cm^3}$ Density at 15°C Viscosity at 40°C 21 cts Flash Point (ASTM D93) 150°C

Greater than 300°C Auto-ignition temperature

<0.1 kPa Vapour pressure 15°C

Insoluble in water. Solubility

Soluble in non-polar solvents.

10. STABILITY & REACTIVITY

Hazardous Reactions Products of this type are stable and unlikely to react in a

hazardous manner under normal conditions of use.

This material is combustible. Thermal Decomposition

Hazardous decomposition products, which can be formed on heating: Carbon monoxide, carbon dioxide, oxides of nitrogen and sulphur.

TOXICOLOGICAL INFORMATION

Unlikely to cause more than transient stringing or redness if accidental eye contact Eyes

occurs.

Unlikely to cause harm to the skin on brief or occasional contact but prolonged or Skin

repeated exposure may lead to dermatitis.

At normal ambient temperatures is unlikely to cause inhalation hazard because of low Inhalation

volatility.

The refined mineral base oils used in this formulation are of low order of toxicity. Acute

LD50 (RAT) for base oil greater than 5g/kg. **Toxicity**

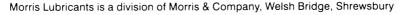


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Established 1869







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12. ECOLOGICAL INFORMATION

Mobility Product does not evaporate from soil or water. Some components may

penetrate the soil causing ground water contamination.

Degradability Inherently but not readily biodegradable.

Bio accumulation No evidence to suggest bio-accumulation will occur.

Aquatic toxicity Spills on water will form a film, which may cause damage to organisms.

13. DISPOSAL CONSIDERATION

Waste Send to a Registered Waste Disposal Site using the services of a

Registered Waste Disposal Contractor. Ensure conformance with

local and national regulations.

Packaging Labels should not be removed from containers until they have been

cleaned. Empty containers may contain hazardous residues. Ensure

conformance with local and national regulations.

Specific Advice As supplied material should be considered as Special Waste and

Disposal should conform with the relevant Regulations.

General Under no circumstances should this product be disposed of by putting

into drains soil or water courses.

14. TRANSPORT INFORMATION

Not classified as Hazardous for Transport.

U.N. Number: N/A Packaging Group: N/A

Shipping Name: N/A

IMO Class:N/AMarine Pollutant:NoADR/RID:N/AICAO/IATA:N/A

15. REGULATORY INFORMATION

This product is <u>NOT</u> classified for supply in the UK. No statutory label required.

Statutory Instruments The Health & Safety at Work Act 1974.

Consumer Protection Act. Environmental Protection Act.

COSHH Regulations CHIP Regulations. COSHH Essentials CHIP for everyone

Guidance



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Morris Lubricants is a division of Morris & Company, Welsh Bridge, Shrewsbury







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16. OTHER INFORMATION

Concawe Report No: 5/87 'Health aspects of lubricants.'

R Phrases used in Section 2

None

Original Issued date: 03.02.03

Revision: 0 Date: N/A Change: N/A

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