SAFETY DATA SHEET

AUDIT fixture - a synthetic sheet for testing. Not a real product, not a real supplier.

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

1.1 Product identifier: AUDIT IPA Surface Cleaner 99

Product code: AUDIT-IPA-99

1.2 Relevant identified uses: solvent cleaner and degreaser for metal surfaces before sealing or bonding. Professional use.

1.3 Supplier: AUDIT Chemicals Ltd (fictional), 1 Example Way, Anytown AN1 1AA. Telephone 0113 496 0002. Email sds@example.co.uk

1.4 Emergency telephone: 0113 496 0003 (office hours)

SECTION 2: Hazards identification

2.1 Classification (GB CLP): Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336.

2.2 Label elements. Signal word: Danger. Pictograms: GHS02 (flame), GHS07 (exclamation mark).

Hazard statements: H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

Precautionary statements: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P261 Avoid breathing vapours. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves and eye protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards: vapour is heavier than air and may travel to a source of ignition. Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients

3.2 Mixture. Propan-2-ol (isopropyl alcohol), CAS 67-63-0, EC 200-661-7, concentration 99 % w/w. Flam. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE 3 H336. Water, CAS 7732-18-5, 1 %.

SECTION 4: First aid measures

Inhalation: move the person to fresh air and keep them at rest. Get medical advice if drowsiness or dizziness continues.

Skin contact: take off contaminated clothing. Wash the skin with soap and water.

Eye contact: rinse with clean water for at least 15 minutes, holding the eyelids open. Remove contact lenses if easy to do. Get medical attention if irritation continues.

Ingestion: rinse the mouth. Do not induce vomiting. Get medical attention.

SECTION 5: Firefighting measures

Suitable extinguishing media: alcohol-resistant foam, dry powder, carbon dioxide. Unsuitable: water jet.

Special hazards: highly flammable. Vapour can form explosive mixtures with air. Combustion gives carbon oxides.

SECTION 6: Accidental release measures

Remove all sources of ignition. Ventilate the area. Wear the protective equipment in section 8. Absorb small spills with sand or an inert absorbent and place in a closed, labelled container for disposal. Do not let the product enter drains or watercourses.

SECTION 7: Handling and storage

Handling: use only with good ventilation. Keep away from ignition sources. Take precautions against static discharge. Do not eat, drink or smoke when using. Keep the container closed when not in use.

Storage: store in a cool, well-ventilated flammables store, in the original closed container, away from oxidising agents and heat. Storage temperature below 25 C.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters. Propan-2-ol: workplace exposure limit (EH40) long-term (8-hour TWA) 400 ppm, 999 mg/m3; short-term (15-minute) 500 ppm, 1250 mg/m3.

8.2 Exposure controls. Engineering controls: provide general ventilation; use local exhaust ventilation where vapour can build up, for example in enclosed or low-level areas.

Eye protection: safety glasses with side shields or goggles to BS EN 166.

Hand protection: nitrile or butyl rubber gloves to BS EN 374. Change gloves that are damaged or contaminated inside.

Skin protection: overalls; remove clothing that becomes wet with the product.

Respiratory protection: not normally needed with good ventilation. Where ventilation is not adequate, a competent person should select suitable respiratory protective equipment with an organic vapour (type A) filter.

SECTION 9: Physical and chemical properties

Physical state: liquid. Colour: colourless. Odour: alcohol-like. Boiling point: 82 C. Flash point: 12 C (closed cup). Vapour pressure: 4.4 kPa at 20 C. Relative density: 0.79. Solubility in water: miscible. Lower explosive limit 2 % v/v; upper explosive limit 12 % v/v. Auto-ignition temperature: 399 C.

SECTION 10: Stability and reactivity

Stable under the recommended storage conditions. Avoid heat, sparks, open flames and static discharge. Incompatible with strong oxidising agents and strong acids.

SECTION 11: Toxicological information

Acute toxicity: not classified. Eye irritation: causes serious eye irritation. STOT single exposure: vapours may cause drowsiness or dizziness. Skin: repeated contact may dry or crack the skin. Not classified as a carcinogen, mutagen or reproductive toxicant.

SECTION 12: Ecological information

Readily biodegradable. Not expected to bioaccumulate. Avoid release to the environment in large amounts.

SECTION 13: Disposal considerations

Dispose of the product and contaminated wipes as hazardous waste through a licensed waste contractor. Do not empty into drains. Empty containers may hold flammable vapour.

SECTION 14: Transport information

UN 1219, ISOPROPANOL (ISOPROPYL ALCOHOL), class 3, packing group II.

SECTION 15: Regulatory information

Classified and labelled under GB CLP. The Control of Substances Hazardous to Health Regulations 2002 apply to its use at work. The Dangerous Substances and Explosive Atmospheres Regulations 2002 apply to its storage and use.

SECTION 16: Other information

Revision 1, AUDIT fixture, 10 November 2026. This sheet is synthetic test data made for KASQ examples.