COSHH assessment

COSHH

AUDIT IPA Surface Cleaner 99 · AUDIT Chemicals Ltd (fictional), 1 Example Way, Anytown AN1 1AA.
Telephone 0113 496 0002. Email sds@example.co.uk · assessed 2026-11-10 · by AUDIT Assessor


Flammable


Harmful/Irritant

TASK

Wiping galvanised brackets by hand with a dampened cloth before sealing. Amount: small. Frequency: daily, about 30 minutes. Location: indoors ventilated.

PERSONS AT RISK

two fitters doing the task; others working in the room

HAZARDS (FROM THE VERIFIED SDS)

- H319 — Causes serious eye irritation
- H336 — May cause dizziness or drowsiness

ROUTES OF EXPOSURE

inhalation · eye contact

HAZARDOUS CONSTITUENTS AND EXPOSURE LIMITS (AS PRINTED IN THE SDS)

Constituent	Concentration (as printed; % unless the SDS says otherwise)	Limits from the SDS	GB WEL — EH40 Table 1
Propan-2-ol (isopropyl alcohol)	99 % w/w	long-term (8-hour TWA) 400 ppm, 999 mg/m3; short-term (15-minute) 500 ppm, 1250 mg/m3	TWA 400 ppm / 999 mg/m³; STEL 500 ppm / 1250 mg/m³

SDS limits are quoted exactly as the data sheet prints them. GB WELs are matched from HSE EH40/2005 Table 1 by CAS number (or name) - Sk, Sen, Carc and BMGV notations as in EH40. The control level above is derived by control banding, not from WELs.

Flammable (H225) — control ignition sources; DSEAR applies. No spraying or use near hot work, sparks or hot surfaces; store cool, out of sunlight, as the SDS section 7 says.

REQUIRED CONTROL LEVEL

Hazard group A · medium volatility · small amount → Control approach 1: General ventilation - a good standard of general ventilation and good working practices

Skin and eye contact hazards present — prevent direct contact; gloves and eye protection per the SDS below.

Respiratory protection — conditional: Follow the SDS's own condition: “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.”. This task is not a spray, so the condition is met only where the amount, enclosure or duration make the exposure limit reachable — the assessor records which applies. The respirator and filter type are quoted under “PPE from the SDS” below.

HOW THIS WAS WORKED OUT

1. Hazard statements H319, H336 place the product in hazard group A (scale A–E, the most severe statement decides).
2. Boiling point 82°C → medium volatility (bands: above 150°C low, 50–150°C medium, at or below 50°C high).
3. Amount used per task: small (small = grams/millilitres, medium = kilograms/litres, large = tonnes/cubic metres).
4. HSE look-up table: group A + small amount + medium → Control approach 1 (table reproduced in the HSE technical basis, hse.gov.uk/pubns/guidance/coshh-technical-basis.pdf).
5. Statements H319 also trigger hazard group S: prevent direct skin and eye contact (gloves and eye protection per the SDS).
6. The GB WEL column is quoted from HSE EH40/2005 Table 1 for reference — control banding deliberately works from hazard groups, not WEL arithmetic, so it stays valid where no measurements exist.

CONTROLS FROM THE SDS

Provide general ventilation; use local exhaust ventilation where vapour can build up, for example in enclosed or low-level areas.

PPE FROM THE SDS

Safety glasses with side shields or goggles to BS EN 166; nitrile or butyl rubber gloves to BS EN 374; overalls. Remove wet clothing. Where ventilation is inadequate, suitable respiratory protective equipment with an organic vapour (type A) filter.

CONTROLS ALREADY IN PLACE

Door kept open; nitrile gloves and safety glasses issued; no hot works in the room

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.

FIRST AID (SDS SECTION 4)

Inhalation: move to fresh air and keep at rest; seek medical advice if drowsiness or dizziness continues. Skin: remove contaminated clothing and wash with soap and water. Eyes: rinse with clean water for at least 15 minutes; remove contact lenses if easy; seek medical attention if irritation continues. Ingestion: rinse mouth, do not induce vomiting, and seek medical attention.

SPILL AND RELEASE (SDS SECTION 6)

Remove ignition sources and ventilate. Wear section 8 protective equipment. Absorb small spills with sand or inert absorbent and place in a closed, labelled container. Prevent entry into drains or watercourses.

DISPOSAL (SDS SECTION 13)

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

VULNERABLE GROUPS

Young persons and new or expectant mothers must not carry out this task without a specific additional assessment. Workers with skin or respiratory conditions should be assessed before first use.

INFORMATION AND TRAINING

Brief all users on this assessment and the SDS before first use and record attendance. Keep the SDS available at the point of work. Re-brief on any change of product, task or controls.

REVIEW

Review by 2027-11-10 (12 months), and immediately on any change of product, SDS revision, task, quantity, frequency or location, after any incident or exposure complaint, or if a control fails.

Control approach derived with the HSE COSHH essentials control banding method (hazard group A, small amount, medium volatility) - see hse.gov.uk/pubns/guidance/coshh-technical-basis.pdf. Inputs: SDS hazard statements verified against the uploaded document; task details supplied by the assessor.

Assessor: AUDIT Assessor Signature: _____ Date: 2026-11-10

Reviewed and approved by a competent person: _____ Signature: _____ Date: _____

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