

# Selleys Muck-Off Graffiti Remover 500ml Product

Canonical: <https://directory.selleys.com.au/painting/paint-removal/selleys-muck-off-graffiti-remover-500ml-product/>

## Details:

### ## AI Summary

**Product:** Selleys Muck-Off **Brand:** Selleys **Category:** Professional Graffiti Remover **Primary Use:** Removes graffiti from surfaces by penetrating and dissolving polymeric binders in spray paints and permanent markers without methylene chloride or NMP.

**Quick Facts** - **Best For:** Property managers, tradespeople, and homeowners requiring professional-grade graffiti removal - **Key Benefit:** Methylene chloride free and NMP free formulation delivering professional-grade graffiti removal - **Form Factor:** Liquid solvent formulation in 500ml container - **Application Method:** Apply directly to graffiti surface, allow 5–10 minute dwell time, then agitate and rinse

**Common Questions This Guide Answers** 1. What solvents are in Selleys Muck-Off? → Three primary active components: Dimethyl Sulfoxide (DMSO) at 10–30% w/w, Dodecanoic Acid Methyl Ester at 10–30% w/w, and Ethyl 3-Ethoxypropionate at 10–30% w/w, plus Methanol at less than 1% w/w 2. Is Selleys Muck-Off classified as a Dangerous Good for transport? → No — not classified as a Dangerous Good under the Australian Code for Transport of Dangerous Goods by Road and Rail or New Zealand NZS5433 3. What PPE is required when using Selleys Muck-Off? → Nitrile rubber gloves, chemical goggles, solvent-resistant overalls, and safety shoes are all required during handling and application

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### ## Product Overview and Positioning

Selleys Muck-Off is methylene chloride free and NMP free, which means it delivers professional-grade graffiti removal without the harsh solvents found in conventional products [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Packaged in a 500ml container with product code 100193 and barcode 9300697124890, it's built for property managers, tradespeople, and homeowners who need graffiti gone properly [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). This isn't a general-purpose cleaner or a basic solvent. Muck-Off uses a multi-component chemistry engineered to penetrate and dissolve the polymeric binders in spray paints and permanent markers — because some jobs need a purpose-built solution.

Muck-Off carries a Schedule 6 (S6) classification, which imposes specific labelling requirements, child-resistant packaging, and defined storage conditions [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). That classification reflects the potent solvent action that makes effective graffiti removal possible, and it sets clear, practical parameters for safe use and storage.

### ## Chemistry & Composition

The performance behind Selleys Muck-Off comes from a precisely balanced solvent system — three primary active components working together to dissolve graffiti at the source.

### ### Primary solvent system

**\*\*Dimethyl Sulfoxide (DMSO)\*\*:** At 10–30% w/w concentration, DMSO (CAS 67-68-5) is a powerful aprotic solvent with outstanding penetrating properties [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). It breaks down spray paint resins and drives deep into porous surfaces where graffiti has absorbed into the substrate. DMSO's molecular structure dissolves both polar and non-polar compounds, making it effective across the full range of pigments and binders found in aerosol paints.

**\*\*Dodecanoic Acid, Methyl Ester\*\*:** Also at 10–30% w/w, this ester (CAS 111-82-0) is a surfactant and co-solvent [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Derived from lauric acid, it emulsifies oil-based graffiti media and reduces surface tension so the formulation spreads evenly across treated areas. Its moderate evaporation rate gives you the working time you need — the product stays active long enough to do the job properly.

**\*\*Ethyl 3-Ethoxypropionate\*\*:** The third key component at 10–30% w/w (CAS 763-69-9) is a glycol ether ester that boosts solvent power while keeping evaporation in check [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). It improves the formulation's ability to dissolve acrylic and alkyd resins — the binders most commonly used in spray paint.

### ### Trace components

Methanol appears at less than 1% w/w (CAS 67-56-1), acting as a viscosity modifier and helping the product reach into tight crevices and textured surfaces [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). The remaining composition consists of proprietary non-hazardous ingredients that stabilise the formulation and sharpen overall performance [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

### ## Hazard Classification & Physical Properties

Understanding the hazard profile of Selleys Muck-Off means you can handle and apply it with confidence.

#### ### Flammability characteristics

The product is classified as a Flammable Liquid Category 4, carrying hazard statement H227: "Combustible liquid" [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). It can ignite above normal ambient temperatures but requires elevated temperatures to reach its flashpoint. For storage and handling in Australia, it carries a C1 Combustible Liquid designation under AS 1940 [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

The precautions are straightforward: keep the product away from heat, sparks, open flames, and hot surfaces, and maintain no-smoking policies in application areas [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Whilst less immediately flammable than Category 1–3 liquids, C1 combustible liquids still present real fire hazards when exposed to ignition sources or stored in poorly ventilated spaces.

#### ### Irritant properties

Selleys Muck-Off is classified as Eye Irritation Category 2A, carrying hazard statement H319: "Causes serious eye irritation" [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Direct contact causes substantial but reversible eye damage. The organic solvents — particularly DMSO — create a real risk of corneal irritation and temporary vision impairment if splash contact occurs.

The product carries a "Warning" signal word reflecting these combined hazards [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). It is not classified as

a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road & Rail or New Zealand NZS5433, which simplifies logistics whilst still requiring careful, responsible handling [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

## ## Mandatory Personal Protective Equipment

The right PPE is non-negotiable. Protect yourself properly and Muck-Off will do its job without putting you at risk.

### ### Required protection

Wear protective gloves, protective clothing, and eye/face protection during all handling operations [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). For gloves, nitrile rubber is the recommended choice for intermittent contact — though you should verify compatibility based on glove construction and your specific exposure conditions [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). The solvent system can degrade certain elastomers, so material selection matters, especially for extended use.

Chemical goggles are the standard for eye protection against splashes during application, particularly when working on vertical surfaces or overhead areas where drips are a real risk [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Standard safety glasses with side shields don't provide enough coverage given the serious eye irritation hazard.

Safety shoes and solvent-resistant overalls keep skin contact and absorption through clothing to zero [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Ordinary work clothing can wick the product against skin, so material choice matters here too.

### ### Hygiene protocols

After handling, wash hands, face, and all exposed skin thoroughly [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Always wash hands before smoking, eating, drinking, or using toilet facilities [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Wash contaminated clothing and protective equipment before storing or reusing them [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). These habits prevent both acute exposure and the chronic low-level absorption that can occur through contaminated work clothes over time.

## ## Application Process & Technique

Getting professional results with Selleys Muck-Off comes down to methodical application — the right steps, in the right order.

### ### Surface preparation

Start by assessing the substrate. Test on an inconspicuous area first, as some plastics, finished woods, and painted surfaces can be sensitive to the solvent system. Make sure the work area has active ventilation to prevent solvent vapour buildup. Clear all ignition sources from the vicinity and establish no-smoking zones in line with precautionary statement P210 [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

### ### Application method

Apply Selleys Muck-Off directly to the graffiti-marked surface using a clean cloth, brush, or spray application. The product works by dissolving the binder systems in spray paints and markers, so contact time is what delivers results. For heavily layered graffiti, apply generously and allow several minutes for the solvents to penetrate through the paint layers.

On porous surfaces like concrete or brick, the DMSO component drives deep into substrate pores where paint has absorbed [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). This typically calls for longer dwell times — around 5–10 minutes — before you begin agitation. On vertical surfaces, reapplication may be needed if the product runs before achieving full dwell time.

### ### Removal and cleaning

Once dwell time is complete, agitate the softened graffiti using a stiff brush, scrubbing pad, or pressure washer matched to the durability of the substrate. With the binder system properly broken down, the dissolved paint lifts away cleanly. For stubborn residues, reapply rather than extending scrubbing time, which risks damaging the substrate.

After graffiti removal, clean the treated area with water and detergent to remove solvent residues. This step matters before repainting or applying protective coatings — residual solvents can undermine adhesion and compromise the finish.

### ## Storage Requirements & Shelf Life

Store Muck-Off correctly and it stays ready to perform whenever you need it.

#### ### Storage conditions

Selleys Muck-Off must be stored in a well-ventilated place and kept cool, per precautionary statement P403+P235 [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). The C1 Combustible Liquid classification under AS 1940 sets specific storage requirements — including separation from incompatible materials, maximum storage quantities for different facility types, and ventilation specifications — that vary by state regulation [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

Temperature control matters. Elevated storage temperatures accelerate evaporation of volatile components and can increase internal container pressure. Store below 30°C to maintain formulation stability and keep vapour generation low. Keep the product away from direct sunlight and heat sources including radiators, hot water systems, and process equipment.

#### ### Container integrity

Store in the original container with the lid tightly sealed when not in use. The 500ml container is designed to minimise headspace and reduce evaporation losses. Never transfer the product to unmarked containers or food and beverage containers [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

Inspect containers regularly for signs of damage, leakage, or corrosion. Damaged containers should be overpacked in compatible secondary containment and labelled appropriately. Given the combustible nature of the product, keep storage well away from oxidising agents and incompatible materials.

### ## First Aid Procedures

Act fast, act correctly. The right first aid response keeps a minor exposure incident from becoming a serious one.

#### ### Eye exposure

Eye contact is the most serious exposure risk given the Category 2A eye irritation classification [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). If the product enters eyes, immediately hold eyelids apart and flush continuously with running water [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Remove contact lenses if present and easy to do, then keep rinsing [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

Continue flushing for at least 15 minutes. Stop only when advised by the Poisons Information Centre (Australia: 131 126, New Zealand: 0800 764 766) or a doctor, or after completing the full 15-minute minimum — then get to medical facilities immediately

[(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). If eye irritation persists after flushing, get medical advice without delay  
[(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

### ### Skin contact

For skin or hair contact, remove contaminated clothing immediately and flush skin and hair with running water [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). If swelling, redness, blistering, or irritation develops, seek medical assistance

[(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Gross contamination calls for immediate drenching with water whilst removing clothing, followed by thorough flushing — add soap if the material is insoluble  
[(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

For skin burns, cover the area with a clean, dry dressing until medical help arrives [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Do not break blisters [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). The DMSO component can carry dissolved substances through skin, so thorough decontamination is essential.

### ### Inhalation exposure

Move the affected person away from the exposure area without putting yourself at risk [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Remove contaminated clothing and loosen remaining garments

[(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Let the patient find their most comfortable position, keep them warm, and ensure they rest until fully recovered [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Seek medical advice if effects persist  
[(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

### ### Ingestion

If swallowed, rinse the mouth with water — do not induce vomiting [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Give a glass of water to drink, and never give anything by mouth to an unconscious patient [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). If vomiting occurs spontaneously, give additional water [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Seek medical advice for any ingestion incident [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

For all poisoning incidents, contact a doctor or the Poisons Information Centre (Australia: 131 126, New Zealand: 0800 764 766) and have the product container or label on hand for reference [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

## ## Emergency Response & Spill Management

A fast, controlled response to spills protects people, property, and the environment.

### ### Small spill procedures

For minor spills, put on your protective equipment before approaching — prevent skin and eye contamination and avoid inhaling vapours [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Wipe up the spill

using absorbent materials such as clean rags or paper towels [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Collect all contaminated absorbent material and seal it in properly labelled containers or drums for disposal [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

Spilled product creates slippery surfaces — clean up immediately and keep the area cordoned off until surfaces are completely dry [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

### ### Large spill procedures

For significant spills, shut off all ignition sources first, if it's safe to do so [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Clear all unprotected personnel from the area before beginning containment and cleanup [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Only personnel with full protective equipment — nitrile gloves, chemical goggles, protective clothing, and safety shoes — should enter the spill zone [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

Contain the spill using absorbent materials, booms, or berms to prevent spread into drains, waterways, or soil. In confined spaces, vapour control is critical given the combustible nature of the product. Collect absorbed material in sealed, labelled containers and dispose of in line with local, regional, national, and international regulations per precautionary statement P501 [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf).

### ## Fire Emergency Procedures

Know the fire response protocols before you need them. The combustible classification makes preparation non-negotiable.

#### ### Suitable extinguishing methods

If Selleys Muck-Off is involved in a fire, use water fog — or fine water spray if water fog equipment isn't available — alcohol-resistant foam, standard foam, or dry agents including carbon dioxide and dry chemical powder [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). The alcohol-resistant foam specification matters: standard foam breaks down when applied to polar solvents like those in this formulation.

#### ### Fire hazards and firefighter protection

Burning or decomposing product can emit toxic fumes [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). Firefighters must wear self-contained breathing apparatus (SCBA) and appropriate protective clothing when there is any risk of exposure to vapour or combustion byproducts [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). This reflects the combustion byproducts generated from the organic solvent components, particularly methanol and the ester compounds.

### ## Disposal Considerations

End-of-life disposal requires the same care and attention as the product itself.

Dispose of contents and containers in accordance with local, regional, national, and international regulations [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf). The product cannot go down drains or into household waste. Contact your local waste management authority or a hazardous waste disposal facility for the right procedure in your jurisdiction.

Container residues carry the same disposal requirements as the product itself. Empty containers retain vapour and residue — they present similar hazards and must go through regulated disposal channels. Never reuse containers for other purposes, and never for food storage or potable water.

## ## Expert Application Tips

Getting the most from Selleys Muck-Off comes down to a few practical habits that experienced tradespeople already know.

**\*\*Ventilation planning\*\***: The product requires well-ventilated application areas, but go further and actively establish cross-ventilation before you start. Position fans to direct vapours away from your breathing zone and towards exhaust points. In confined spaces, mechanical ventilation isn't optional — it's essential.

**\*\*Temperature\*\***: Solvent activity increases with temperature, but higher temperatures also accelerate evaporation. The sweet spot for application is 15–25°C — solvents stay active without excessive vapour generation. Avoid applying in direct sunlight on hot surfaces, where rapid evaporation can cut short the dissolution process before the job is done.

**\*\*Layering strategy\*\***: For heavily layered or weathered graffiti, work from the surface inward. Remove outer layers first, then reapply to address paint that has penetrated into substrate pores. This staged approach gets thorough results without wasting product.

**\*\*Surface testing\*\***: Always test on an inconspicuous area before treating any visible surface. Apply a small amount, allow the full recommended dwell time, then inspect for surface damage, discolouration, or finish degradation. Some substrates — particularly plastics, vinyls, and certain paint finishes — require compatibility confirmation before full application.

**\*\*Timing\*\***: Plan applications to allow complete drying time before the treated area returns to normal use. Residual solvents need to fully evaporate to eliminate slip hazards and ensure proper adhesion if repainting is part of the plan.

## ## References

- Source PDF: [(SELLEYS\_MUCK-OFF-AUS\_GHS.pdf)](SELLEYS\_MUCK-OFF-AUS\_GHS.pdf) (canonical)

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## ## Frequently Asked Questions

What is Selleys Muck-Off: A professional-grade graffiti removal product

Is Selleys Muck-Off methylene chloride free: Yes

Is Selleys Muck-Off NMP free: Yes

What is the container size: 500ml

What is the product code: 100193

What is the barcode: 9300697124890

Who is Muck-Off designed for: Property managers, tradespeople, and homeowners

Is Muck-Off a general-purpose cleaner: No, it is purpose-built for graffiti removal

What is the Schedule classification: Schedule 6 (S6)

Does S6 classification require child-resistant packaging: Yes

What is the primary penetrating solvent in Muck-Off: Dimethyl Sulfoxide (DMSO)

What is the CAS number for DMSO: 67-68-5

What concentration is DMSO present at: 10–30% w/w

What does DMSO do in the formulation: Penetrates and dissolves spray paint resins

What is the second key active ingredient: Dodecanoic Acid, Methyl Ester

What is the CAS number for Dodecanoic Acid, Methyl Ester: 111-82-0

What concentration is Dodecanoic Acid, Methyl Ester present at: 10–30% w/w

What role does Dodecanoic Acid, Methyl Ester play: Acts as a surfactant and co-solvent

What is the third key active ingredient: Ethyl 3-Ethoxypropionate

What is the CAS number for Ethyl 3-Ethoxypropionate: 763-69-9

What concentration is Ethyl 3-Ethoxypropionate present at: 10–30% w/w

What does Ethyl 3-Ethoxypropionate dissolve: Acrylic and alkyd resins in spray paint

What trace ingredient appears at less than 1%: Methanol

What is the CAS number for methanol: 67-56-1

What role does methanol play: Acts as a viscosity modifier

What is the flammability classification: Flammable Liquid Category 4

What is the flammability hazard statement code: H227

What does H227 mean: Combustible liquid

What is the Australian combustible liquid designation: C1 under AS 1940

Is Muck-Off classified as a Dangerous Good for transport: No

Is Muck-Off dangerous goods under NZS5433: No

What is the eye hazard classification: Eye Irritation Category 2A

What is the eye hazard statement code: H319

What does H319 mean: Causes serious eye irritation

Is eye damage from Muck-Off reversible: Yes

What signal word appears on the label: Warning

What gloves are recommended: Nitrile rubber gloves

Is standard safety glasses sufficient eye protection: No

What eye protection is required: Chemical goggles

Is protective clothing required during application: Yes

Are safety shoes required: Yes

What skin protection prevents solvent absorption through clothing: Solvent-resistant overalls

Should you wash hands before eating after handling: Yes

Should contaminated clothing be washed before reuse: Yes

Should you test on an inconspicuous area first: Yes

What surfaces may be sensitive to Muck-Off solvents: Some plastics, finished woods, and painted surfaces

What is the recommended dwell time on porous surfaces: 5–10 minutes

What tools can be used to agitate softened graffiti: Stiff brush, scrubbing pad, or pressure washer

What should you do after graffiti removal before repainting: Clean with water and detergent

Why clean residual solvents before repainting: Residual solvents can undermine paint adhesion

What is the maximum recommended storage temperature: Below 30°C

What storage condition is required per P403+P235: Well-ventilated place, kept cool

Should Muck-Off be stored in its original container: Yes

Can Muck-Off be transferred to food containers: No, never

What should you do if Muck-Off enters eyes: Immediately flush with running water

How long should eye flushing continue: At least 15 minutes

Should contact lenses be removed before eye flushing: Yes, if present and easy to remove

What is the Australian Poisons Information Centre number: 131 126

What is the New Zealand Poisons Information Centre number: 0800 764 766

What should you do for skin contact: Remove clothing and flush with running water

Should blisters from skin burns be broken: No

Can DMSO carry substances through skin: Yes

What should you do for inhalation exposure: Move the affected person to fresh air

Should vomiting be induced if Muck-Off is swallowed: No

What should be given after ingestion: A glass of water to rinse mouth

Can anything be given by mouth to an unconscious patient: No

What extinguishing agents are suitable for Muck-Off fires: Water fog, alcohol-resistant foam, dry chemical, CO<sub>2</sub>

Why is alcohol-resistant foam specified: Standard foam breaks down on polar solvents

Must firefighters wear SCBA when fighting a Muck-Off fire: Yes

Can burning Muck-Off emit toxic fumes: Yes

What absorbent materials suit small spills: Clean rags or paper towels

Should ignition sources be shut off during large spills: Yes, if safe to do so

Can Muck-Off be disposed of down drains: No

Can empty containers be reused for food storage: No, never

What is the optimal application temperature range: 15–25°C

Should Muck-Off be applied in direct sunlight on hot surfaces: No

What ventilation is required in confined spaces during application: Mechanical ventilation

Does Muck-Off work on permanent markers: Yes

What binder types does Muck-Off dissolve: Polymeric binders in spray paints and permanent markers

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## ## Label Facts Summary

> **Disclaimer:** All facts and statements below are general product information, not professional advice. Consult relevant experts for specific guidance.

### ### Verified label facts

**Product identification** - Product name: Selleys Muck-Off - Container size: 500ml - Product code: 100193 - Barcode (GTIN): 9300697124890

**Regulatory & classification** - Schedule classification: Schedule 6 (S6) - S6 requires child-resistant packaging: Yes - Flammability classification: Flammable Liquid Category 4 - Flammability hazard statement: H227 — Combustible liquid - Australian combustible liquid designation: C1 under AS 1940 - Eye hazard classification: Eye Irritation Category 2A - Eye hazard statement: H319 — Causes serious eye irritation - Eye damage reversibility: Yes (reversible) - Signal word: Warning - Classified as Dangerous Good for transport (Australian Road & Rail Code): No - Classified as Dangerous Good under NZS5433: No - Methylene chloride free: Yes - NMP free: Yes

**Composition** - Dimethyl Sulfoxide (DMSO) | CAS 67-68-5 | 10–30% w/w - Dodecanoic Acid, Methyl Ester | CAS 111-82-0 | 10–30% w/w - Ethyl 3-Ethoxypropionate | CAS 763-69-9 | 10–30% w/w - Methanol | CAS 67-56-1 | <1% w/w - Remaining composition: proprietary non-hazardous ingredients

**Personal protective equipment (label-specified)** - Gloves: Nitrile rubber (recommended for intermittent contact) - Eye protection: Chemical goggles (standard safety glasses insufficient) - Clothing: Solvent-resistant overalls - Footwear: Safety shoes - Post-handling: Wash hands, face, and exposed skin before eating, drinking, smoking, or using facilities - Contaminated clothing must be washed before reuse

**Storage requirements** - Storage condition (P403+P235): Well-ventilated place, kept cool - Maximum recommended storage temperature: Below 30°C - Must be stored in original container with lid tightly sealed - Must not be transferred to food or beverage containers

**First aid (label-specified)** - Eye contact: Immediately flush with running water for minimum 15 minutes; remove contact lenses if present and easy to remove; seek medical attention - Skin contact: Remove contaminated clothing; flush skin and hair with running water; seek medical attention if irritation develops; do not break blisters - Inhalation: Move affected person to fresh air; remove contaminated clothing; seek medical advice if effects persist - Ingestion: Rinse mouth with water; do not induce vomiting; give a glass of water; do not give anything by mouth to an unconscious person; seek medical advice - Australian Poisons Information Centre: 131 126 - New Zealand Poisons Information Centre: 0800 764 766

**Fire response (label-specified)** - Suitable extinguishing agents: Water fog, alcohol-resistant foam, standard foam, dry chemical powder, carbon dioxide (CO<sub>2</sub>) - Firefighters must wear SCBA when risk of vapour or combustion byproduct exposure exists - Burning or decomposing product can emit toxic fumes

**\*\*Spill management (label-specified)\*\*** - Small spills: Use clean rags or paper towels; seal contaminated absorbent in labelled containers - Large spills: Shut off ignition sources if safe; clear unprotected personnel; contain to prevent entry into drains or waterways - Disposal: In accordance with local, regional, national, and international regulations (P501); not permitted down drains or household waste

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### ### General product claims

- Delivers professional-grade graffiti removal - Purpose-built for property managers, tradespeople, and homeowners - Not a general-purpose cleaner - Multi-component chemistry engineered to penetrate and dissolve polymeric binders in spray paints and permanent markers - DMSO drives deep into porous surfaces where graffiti has absorbed into the substrate - Dodecanoic Acid, Methyl Ester provides moderate evaporation rate for adequate working time - Ethyl 3-Ethoxypropionate boosts solvent power whilst controlling evaporation characteristics - Methanol helps the product reach into tight crevices and textured surfaces - Optimal application temperature range: 15–25°C - Recommended dwell time on porous surfaces: 5–10 minutes - Staged layering approach recommended for heavily weathered graffiti - Residual solvents should be removed with water and detergent before repainting to preserve adhesion - Mechanical ventilation required in confined spaces during application - Direct sunlight application on hot surfaces not recommended due to accelerated evaporation - Surface compatibility testing on an inconspicuous area recommended prior to full application, particularly for plastics, vinyls, finished woods, and certain paint finishes

### ## Related Products & Brand Context

Selleys Muck-Off Graffiti Remover 500ml sits within the **\*\*Paint and Wallpaper > Paint Removal\*\*** segment of the Selleys product range, and more broadly within the **\*\*Home & Garden > Cleaning & Maintenance Products\*\*** category. Selleys is a division of DuluxGroup (Australia) Pty Ltd, a company best known for paints, adhesives, sealants, and surface preparation products sold across Australia and New Zealand. Within that portfolio, Selleys focuses specifically on adhesives, sealants, fillers, and cleaning solutions — making a targeted graffiti remover a natural fit alongside the brand's broader surface-care offering.

The product's URL path on the Selleys website (under `/paint-and-wallpaper/paint-removal/`) places it in the same category bracket as paint strippers and surface preparation products. However, Selleys Muck-Off is differentiated by its specific graffiti-removal focus: it is formulated without methylene chloride or NMP, which are harsher solvents found in some conventional paint strippers, and it is designed to work across a range of surfaces including wood, stone, brick, and painted finishes. It comes in a 500ml trigger spray bottle, making it suited to spot-treatment tasks rather than large-scale stripping jobs. Its active solvents include dimethyl sulfoxide and methyl dodecanoate, giving it strong graffiti-dissolving action while remaining within a formulation profile that avoids some of the more regulated chemical ingredients.

From a use-case adjacency perspective, someone reaching for Selleys Muck-Off is likely working on a surface-restoration task that may also call for protective equipment — the product carries a **\*\*Warning\*\*** signal word and is classified as causing serious eye irritation (H319) — so safety glasses and chemical-resistant gloves are practical companions. Following graffiti removal, users may also need a surface primer or touch-up paint, products that sit within DuluxGroup's broader range, though no specific sibling SKUs are identified in the available knowledge graph context. The product is not classified as Dangerous Goods for road or rail transport in Australia or New Zealand, which simplifies retail stocking and home delivery.