

Section 1 - Identification of The Material and Supplier

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Trade Name: Soy Safe Graffiti Remover 350g Aerosol
Product Use: Graffiti Remover.
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Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Not classified as hazardous according to the criteria of SWA.

Classified as a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Non-Flammable, Non-Toxic Gas Aerosol

GHS Hazard Classification:

Aerosol, Compressed Gas

GHS Signal Word:

WARNING

GHS Hazard Pictogram:



Hazard Statement:

H229 Pressurised container: May burst if heated

H316 May cause mild skin irritation

H320 May cause mild eye irritation

Precautionary Statements:

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.

P251 Do not pierce or burn, even after use.

P264 Wash hands and face thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338 IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P310 Immediately call a POISON CENTRE or doctor/physician.

P302+P352 IF ON SKIN, wash with plenty of soap and water.

P321 Specific treatment (refer to First Aid Measures).

P332+P313 If skin irritation occurs, get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before re-use.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Disposal:

P501 Dispose of contents / container in accordance with local and national regulations.

Poison Schedule (Australia): Not scheduled.

SUSMP Signal Word(s): None.

Other hazards which do not result in classification: None known.

Emergency Overview

Physical Description & Colour: Clear pale yellow liquid.

Odour: Mild odour.

Major Health Hazards: no significant risk factors have been found for this product.

Potential Health Effects

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product is believed to be mildly irritating, to eyes, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is believed to be mildly irritating to mucous membranes but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %
Nitrogen (propellant)	7727-37-9	60-100
Alkyl esters	various	10-30
Alkyl ethoxylates	--	1-10

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

Inhalation: First aid is not generally required. Move person away from contaminated area and into fresh air. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Irritation is unlikely. However, if irritation does occur, wash affected area with soap and lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Section 5 - Fire Fighting Measures

Extinguishing Media:

Suitable: Water fog, foam, dry chemical or carbon dioxide (CO₂).

Not Suitable: Strong water jet.

Specific Hazards Arising from the Chemical:

Non-flammable aerosol. Contains gas under pressure; may explode if heated.

Fire or intense heat may cause pressure rise and violent rupture of packages (aerosol containers).
On combustion or on thermal decomposition (pyrolysis) releases oxides of Carbon (CO + CO₂).

Special Protective Equipment and Precautions for Fire Fighters:

Fire fighters to wear full protective clothing and self-contained breathing apparatus (SCBA) in confined spaces, oxygen deficient atmospheres or if exposed to products of combustion or decomposition. If safe to do so, move undamaged containers from fire area. Stay upwind. Evacuate the personnel away from the fumes. If possible to do so safely, shut off fuel to fire. In case of fire close by, cool down the containers/equipment exposed to heat with a water spray. Product will burn under fire conditions. Do not use a water jet since it may cause the fire to spread. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Section 6 - Accidental Release Measures

Personal Precautions:

Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid breathing gas/mist/vapours/spray.

Personal protective equipment:

- impermeable protective gloves.
- eye/face protection
- suitable protective clothing.

For further information, refer to section 8 "Exposure Controls / Personal Protection".

Environmental Precautions:

Do NOT discharge into drains, watercourses or the sewerage system. Contain the spilled material by bunding. If contamination of sewers or waterways occurs inform the local water authorities and Environmental Protection Authority in accordance with local regulations.

Method for Cleaning or Taking Up:

- **Recovery:** Shut off all possible sources of ignition. In the event of the aerosol dispenser developing a leak, allow to fully discharge in the open air before disposal. Absorb the product onto a suitable, non-combustible porous material. Sweep up or vacuum up the product. Use clean non-sparking tools to collect up the product and place it in a spare container, suitably labelled. Keep the recovered product for subsequent disposal.

- Decontamination/Cleaning:

Clean up residual material by washing area with water. Recover the cleaning water for subsequent disposal.

- **Disposal:** Dispose of all contaminated materials in accordance with local regulations. (Refer to section 13 "Disposal Considerations").

Further information: Warning: Material can create slippery conditions. Refer to Sections: 7, 8, 11, 12 and 13.

Emergency information (Transport):**Dangerous Goods - Initial Emergency Response Guide (IERG) (SAA/SNZ HB76)**

Guide No: 49 AEROSOL DISPENSERS

Section 7 - Handling and Storage

Precautions for Safe Handling:

Use in a well ventilated area. Avoid contact with skin and eyes. Avoid breathing gas/mist/vapours/spray.

Handle in accordance with good occupational hygiene and safety practice. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. DO NOT incinerate or puncture aerosol cans. DO NOT spray directly on humans, exposed food or food utensils. DO NOT spray on hot surfaces. Always wash hands with soap and water after use. WARNING: Intentional misuse by concentrating/inhaling contents may be lethal. For further information, refer to section 8 "Exposure Controls / Personal Protection".

Conditions for Safe Storage:

Environmental Precautions: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

Storage conditions: Aerosol dispenser. Contents under pressure. Avoid physical damage to containers. Protect from sunlight. Do not expose to temperatures exceeding 50°C. Keep containers tightly closed in a cool, well-ventilated area, out of direct sunlight, preferably below 30°C. Keep away from food, drink and animal feeding stuffs. Store away from heat, flames and other ignition sources, and away from incompatible materials. DO NOT store in pits, depressions, basements or areas where vapours may be trapped. (see Section 10: Stability and Reactivity).

Australia: Comply with relevant Commonwealth, State or Territory regulations for storage and transport requirements. Reference should be made to AS 4332 - The storage and handling of gases in cylinders.

Section 8 - Exposure Controls and Personal Protection

National Exposure Standards:

No exposure standards assigned to this specific material by the Safe Work Australia Council (SWAC). However, exposure standards for components are stated below:-

NITROGEN [CAS No. 7727-37-9] (Propellant)

Asphyxiant

Surveillance procedures:

The user is responsible for monitoring the working environment in accordance with local laws and regulations.

Biological Limit Values:

No data available.

Engineering Controls:

This product should only be used in a well-ventilated area. Ensure sufficient ventilation to keep airborne concentrations below exposure limits and as low as practicable. Where natural ventilation is inadequate, local exhaust ventilation may be required.

Personal Protection Equipment:**Eye/Face Protection:**

Safety glasses with side shields, or splash proof chemical goggles, and/or a full-face shield as appropriate. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337.1 Personal eye protection - Eye and face protectors for occupational applications.

Hand Protection:

Impermeable protective gloves must be chosen according to the function of the work station: other chemicals which may be handled, physical protection necessary (resistance to cutting, puncture, heat), dexterity required. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. The selection of gloves must take into account the extent and duration of use at the workstation. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Respiratory Protection:

If natural ventilation or engineering controls are not effective in controlling airborne exposure then use a respirator with an approved filter if a risk assessment indicates this is necessary. Correct fit is essential to obtain adequate protection. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended. Final choice of appropriate respiratory protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Skin and Body Protection:

Choose body protection according to the amount and concentration of the hazardous chemical at the work place. Consideration must be given to both durability as well as permeation resistance. Launder contaminated clothing before reuse. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

Selection Criteria:

Protective equipment must be chosen according to current AS/NZS standards and in cooperation with the supplier of protective equipment. Personal protective equipment must be defined after risk assessment for the workstation. Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

Collective emergency equipment:

Personal protective equipment available close by in case of emergency. Emergency equipment, first-aid box with instructions readily available, safety shower and eye fountain for collective emergency.

Workplace Hygiene Measures:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- Do not store, use, and / or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Keep away from food, drink and animal feeding stuffs.
- Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- Wash exposed skin promptly to remove accidental splashes of contact with the material.
- Wear protective clothing.

Surveillance procedures:

The recommended limits SHOULD NOT be exceeded. The user is responsible for monitoring the working environment in accordance with local laws and regulations.

Section 9 - Physical and Chemical Properties:

Physical State:	Aerosol
Appearance:	Clear pale yellow liquid*
Odour:	Mild odour.
Boiling Point:	Approx 165°C at 100kPa*
Freezing/Melting Point:	No specific data.
Volatiles:	Not available.
Vapour Pressure:	No data.
Vapour Density:	No data.
Specific Gravity:	1.05 approx*
Water Solubility:	No data.
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Autoignition temp:	Max 360°C*
Flash Point:	Approx. 65°C*
Flammability:	Combustible liquid
Upper/lower flammability:	UEL: No data available LEL: No data available
Relative density:	No data available
Viscosity:	No data available

*(Indicates data for the liquid component)

Section 10 - Stability and Reactivity

Chemical Stability:

Stable under normal conditions and use.

Conditions to Avoid:

Heat, flames, ignition sources, direct sunlight, and incompatibles.

Contains gas under pressure; may explode if heated. Fire or intense heat may cause violent rupture of packages.

Incompatible Materials:

Strong acids, strong bases, strong oxidising agents.

Hazardous Decomposition Products:

During combustion or on thermal decomposition (pyrolysis), toxic gases are released - oxides of Carbon (CO +CO₂).

Polymerisation: This product will not undergo polymerisation reactions.

Hazardous Reactions:

Hazardous Polymerization will not occur.

Section 11 - Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation including redness and itching.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: May be an eye irritant.

Acute toxicity

Inhalation: The propellant (nitrogen) is an asphyxiant. WARNING: Intentional misuse by concentrating/inhaling contents may be lethal.

Skin contact: May cause skin irritation including redness and itching.

Ingestion: This material has been classified as non-hazardous.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Section 12 - Ecological Information

Ecotoxicity:

No data available.

Persistence / Degradability:

This product is readily biodegradable.

Bioaccumulative potential:

Octanol/water partition coefficient: No data available.

Mobility in soil:

No data available.

Results of PBT and vPvB assessment: No data available.

Other adverse effects:

No data available.

Environmental Protection:

Avoid contaminating soil, waterways, drains or sewers.

Section 13 - Disposal Considerations

Destruction/Disposal:

Pressurized container: Do not puncture or incinerate aerosol cans. Discharge contents of damaged aerosol cans at an approved site. Allow small quantities to evaporate. Dispose of in accordance with relevant national and local regulations, EPA requirements and safety regulations at an authorised site. Where possible recycling is preferred to disposal.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

NOTE: The user's attention is drawn to the possible existence of local regulations regarding disposal.

Section 14 - Transport Information

UN Number: 1950
Proper Shipping Name: AEROSOLS
Dangerous Goods Class: 2.2
Subsidiary risk: None allocated
Packing Group: None allocated
Hazchem Code: None allocated



Road and Rail Transport: (Australia)

This material is classified as Division 2.2 (Non-flammable non-toxic gas) Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous Goods of Class 2.2 (Non-flammable non-toxic gas) are incompatible for land transport purposes with any of the following:

- Class 1, Explosives
- Division 2.1 Flammable gas, if Division 2.2 has a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500L capacity.
- Division 2.3 Toxic gas, if Division 2.2 has a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500L capacity.
- Division 4.2, Spontaneously Combustible Substances
- Division 5.2, Organic Peroxides

INTERNATIONAL REGULATIONS:

Marine transport (IMDG)

UN number: UN 1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.2

Packing group: -

Hazard label: 2.2

Marine pollutant: No

Limited quantity: 1 L

Excepted quantity: E0

EmS: F-D, S-U

Air transport (ICAO)**UN number:** UN 1950**UN proper shipping name:** AEROSOLS, non-flammable**Transport hazard class(es):** 2.2**Packing group:** -**Hazard label:** 2.2**Limited quantity Passenger:** 30 kg G**Passenger LQ:** Y203**Excepted quantity:** E0**IATA-packing instructions - Passenger:** 203**IATA-max. quantity - Passenger:** 75 kg**IATA-packing instructions - Cargo:** 203**IATA-max. quantity - Cargo:** 150 kg**Environmental hazards****ENVIRONMENTALLY HAZARDOUS:** no**Special precautions for user**

Handle in accordance with good industrial hygiene and safety practice. Refer to Sections: 6, 7 and 8.

NOTE: The above regulatory prescriptions are those valid on the date of publication of this SDS. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

Section 15 - Regulatory Information

Poison Schedule (Australia): Not scheduled.**Inventory****Status**

Australia (AICS)

Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

NOTE: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.**Key or legend to abbreviations and acronyms used in the Safety Data Sheet:**

- ca. approximately
- ACGIH - American Conference of Governmental Industrial Hygienists [US]
- AICS - Australian Inventory of Chemical Substances [Aust]
- CAS - Chemical Abstracts Service [US]
- CSCL - Inventory of Existing and New Chemical Substances [JPN]
- EPA - Environmental Protection Agency [Int]
- EU - European Union [EU]
- GHS - United Nations - Globally Harmonized System of Classification and Labelling of Chemicals [Int]
- HSNO - Hazardous Substances and New Organisms [NZ]
- IARC - International Agency for Research on Cancer [Int]
- IATA - International Aviation Transport Authority [Int]
- IMDG - International Maritime Dangerous Goods [Int]
- METI - Ministry of Economy, Trade and Industry [JPN]
- NTP - National Toxicology Program
- NIOSH - National Institute for Occupational Safety and Health [US]
- NOHSC - National Occupational Health & Safety Commission [Aust]
- NZ EPA New Zealand Environmental Protection Agency [NZ]

- NZIoC - New Zealand Inventory of Chemicals [NZ]
- OSHA - Occupational Safety and Health Administration [US]
- PICCS - Philippines Inventory of Chemicals and Chemical Substances [PPN]
- SUSMP - Standard for the Uniform Scheduling of Medicines and Poisons [Aust]
- STEL - Short Term Exposure Limit [Int]
- SWA - Safe Work Australia
- TWA - Time Weighted Average [Int]
- WES - Workplace Exposure Standard [NZ]
- [Aust/NZ] = Australia/New Zealand

[JPN]=Japan

[Int] = International

[PPN]=Philippines

[US] = United States of America

Principal References:

Information supplied by manufacturer, reference sources including the public domain.

END OF SAFETY DATA SHEET

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST VIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

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