

Infosafe No™ VAR7F Issue Date : October 2016 ISSUED by HUNTERST
Product Name **GRAFFITI REMOVER**

1. Identification

GHS Product Identifier GRAFFITI REMOVER

Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY
TAS 7248 Australia

Telephone/Fax Number Tel: 03 6331 4755
Fax: 03 6334 1065

Emergency phone number 0407 610 542

Recommended use of the chemical and restrictions on use To remove graffiti from brickwork, concrete, painted or metallic surfaces.
Use as directed on the product label.

2. Hazard Identification


GHS classification of the substance/mixture Carcinogenicity: Category 2

Signal Word (s) WARNING

Hazard Statement (s) H351 Suspected of causing cancer.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Health hazard



Precautionary statement – Prevention P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P281 Use personal protective equipment as required.

Precautionary statement – Response P308+P313 IF exposed or concerned: Get medical advice/attention.

Precautionary statement – Storage P405 Store locked up.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Methylene chloride	75-09-2	>60%
	1,2-Dichlorobenzene	95-50-1	<10%
	Other ingredients determined not to be hazardous	Not required	to 100%
	Kerosene	8008-20-6	<10%
	Acetone	67-64-1	<10%

4. First-aid measures

Inhalation Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If

Infosafe No™ VAR7F	Issue Date : October 2016	ISSUED by HUNTERST
--------------------	---------------------------	--------------------

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Ingestion	breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a face mask. Seek medical advice. Immediately rinse mouth with water. Give water to drink. DO NOT INDUCE vomiting. If vomiting occurs give further water. Do not give milk, oils or alcohol. Seek immediate medical assistance.
Skin	Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering, or irritation occurs seek medical advice.
Eye contact	Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Urgently seek medical assistance. Transport to hospital or doctor.
First Aid Facilities	Eye wash facilities, soap and water. For further advice contact National Poisons and Hazardous Chemical Information Centre.
Advice to Doctor	Product is a mixture of organic chemicals including a very high proportion of dichloromethane and a low proportion of orthodichlorobenzene. Dichloromethane is metabolised to carbon monoxide in the blood. Contact Poisons Information Centre.
Other Information	Individuals with pre-existing skin disorders, or with eye disorders, or with compromised liver, kidney, cardiovascular or respiratory function, may be more at risk from this product. May enhance symptoms of angina.

5. Fire-fighting measures

Suitable extinguishing media	Water fog or fine water spray.
Hazards from Combustion Products	If involved in a fire, hydrogen chloride and phosgene may be evolved.
Specific Methods	Minimize breathing gases, vapour, fumes or decomposition products. Use supplied-breathing equipment for enclosed areas. Do not mix or store with strong oxidants. If safe to do so, remove containers from path of fire.
Hazchem Code	2X

6. Accidental release measures

Spills & Disposal	Remove all ignition sources. Keep people away. Recover free liquid. Add absorbent (sand, earth, sawdust etc.) to spill area. Avoid breathing vapours. Ventilate confined spaces. Open all windows and doors. Dispose of absorbed material at an approved disposal site or facility.
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7. Handling and storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid breathing vapours. Keep away from naked flames and other sources of ignition. Keep away from hot metal surfaces (including welding). Do not smoke.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well ventilated place, out of reach of children. Large quantities should be stored in a bunded flammable store. Store in original container. Keep container tightly closed and out of direct sunlight. Prevent moisture from getting into the container. Keep away from naked flames and other sources of ignition. Prevent vapours from collecting in enclosed or low lying spaces. Keep away from oxidising agents, strong alkalis, alkali metals. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.
Unsuitable Materials	Oxidising agents, active metals, such as sodium, potassium, powdered aluminium or magnesium. Prolonged contact with moisture may generate hydrogen chloride, which can be corrosive to metal containers.

8. Exposure controls/personal protection

Occupational exposure limit values	<u>Name</u>	STEL		TWA		<u>Footnote</u>
		<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
		Methylene chloride			174	

Infosafe No™ VAR7F	Issue Date : October 2016	ISSUED by HUNTERST
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		<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
	1,2-Dichlorobenzene			301	50	Peak limitation
Appropriate engineering controls	Do not use aluminium, magnesium, plastic or rubber as materials of construction. Use flame proof equipment where available. Prevent vapours from contacting hot metal surfaces. Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLVs.					
Personal Protective Equipment	Avoid contact with skin and eyes. Avoid breathing vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal Use: Eye/face protection Gloves, rubber or plastic. Industrial Quantities: Positive pressure air hood Full face respirator fitted with organic vapour cartridges Face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots Impervious overalls. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.					

9. Physical and chemical properties

Form	Liquid
Appearance	Yellow-brown, heavy, mobile liquid.
Odour	Characteristic sweet odour of methylene chloride, and a trace of oil of wintergreen.
Melting Point	Not available.
Boiling Point	Initially 40C
Solubility in Water	Partly miscible.
Specific Gravity	1.2-1.3
pH	Not applicable.
Flash Point	None for the mixture
Flammability	Non flammable
Other Information	Organic mixture. Vapours will be difficult to ignite, but may burn when exposed to a high temperature source. May react with alkali metals such as sodium, potassium, magnesium and aluminium. Will react with strong oxidising agents, strong alkalis, acids. Will decompose slowly on contact with moisture, forming hydrochloric acid. May attack plastics, rubber and some coatings. Slippery when spilled.

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Incompatible materials, hot surfaces.
Incompatible Materials	Oxidising agents, alkalis, alkali metals (including sodium, potassium, magnesium and aluminium), strong acids.
Hazardous Decomposition Products	Oxides of carbon, phosgene (carbonyl chloride), hydrogen chloride, oxides of nitrogen.

Infosafe No™ VAR7F Issue Date : October 2016 ISSUED by HUNTERST

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Possibility of hazardous reactions Contact with hot surfaces may generate phosgene. May react explosively with sodium metal, potassium metal, powdered magnesium or strong oxidising agents. Do not mix with bleaches, acids, or other cleaning solutions.

11. Toxicological Information

Acute Toxicity - Oral LC50: Dichloromethane 1,600 mg/kg oral, rat.
Kerosene 2,835 mg/kg oral, rabbit.
1,2-Dichlorobenzene 500 mg/kg oral, rat.
500 mg/kg oral, rabbit.
LDLo: Dichloromethane 357 mg/kg oral, human.
Kerosene 500 mg/kg oral, man.

Acute Toxicity - Inhalation Dichloromethane 14,400 ppm/7 hours, mouse.

Ingestion Swallowing can result in nausea, vomiting, diarrhoea, gastrointestinal chemical burns and pain, damage to the lining of the stomach and intestines, shock, drop in blood pressure, can lead to drowsiness and unconsciousness.

Inhalation Vapour is irritant to mucous membranes and respiratory tract. Inhalation of high concentrations will lead to anaesthetic effects and adverse effects on the central nervous system. Symptoms may include lightheadedness, nausea, vomiting and headaches. Exposure to concentrations of 1000ppm for 20 minutes causes lightheadedness. Inhalation of very high concentrations can result in loss of consciousness and irregular heart beat and prove suddenly fatal. Methylene chloride is converted to carbon monoxide in the body, which reduces the oxygen carrying capacity of the blood, This is reflected by a raised carboxyhaemoglobin concentration in the blood.

Skin Burning sensation on skin; drying and cracking. Corrosive to skin - can cause reddening, pain, skin burns and permanent damage.

Eye Vapour may be irritant and lachrymatory. Liquid can cause severe irritation, reddening and corneal burns. Effects are normally reversible.

Chronic Effects Repeated or prolonged exposure to high levels may produce kidney and liver damage as well as adverse effects on the respiratory system. Evidence available indicate that methylene chloride is an animal carcinogen and therefore should be considered a possible human carcinogen. Some animal test data suggests a carcinogenic potential for this material. These particular data are not considered relevant to normal industrial use but emphasise the need for care in handling.

12. Ecological information

Ecotoxicity Ingredients of this product are considered to be toxic to aquatic organisms, and may cause long term adverse effects in the aquatic environment.

Persistence and degradability Dichloromethane may persist in the environment. 1,2-Dichlorobenzene may persist in the environment. The surfactant used in this product is not considered to be readily biodegradable.

Mobility Readily transported by running water. Some components of this product will readily evaporate to atmosphere.

Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal Refer to Local, State or Federal Waste Management Authority. Empty containers must be decontaminated and destroyed.

Product Disposal Avoid disposal to sewer, natural waters or the environment.

Special precautions for landfill or incineration Unsuitable for incineration. May be unsuitable for some landfill sites.

14. Transport information

Infosafe No™ VAR7F Issue Date : October 2016 ISSUED by HUNTERST

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Transport Information	Classified as a Class 6 Dangerous Good. Dangerous Goods of Class 6 Toxic and Infectious Substances are incompatible in a placard load with any of the following: - Class 1, Class 3, if the Class 3 dangerous goods are nitromethane, Class 8, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids, and are incompatible with food packaging in any quantity.
U.N. Number	2810
UN proper shipping name	TOXIC LIQUID, ORGANIC, N.O.S.
Transport hazard class(es)	6.1
Hazchem Code	2X
Packing Group	III
EPG Number	6B3
IERG Number	36

15. Regulatory information

Poisons Schedule	S6
AICS (Australia)	All components listed.

16. Other Information

Date of preparation or last revision of SDS	14/10/2016
Literature References	Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons Australian Code for the Transport of Dangerous Goods by Road & Rail Globally Harmonised System of classification and labelling of chemicals
Signature of Preparer/Data Service	Technical Manager 0407 610 542
Technical Contact Numbers	Emergency Advice All Hours: Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs Transport/Fire Emergency: 000 (Emergency services)
Other Information	This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below. ...End Of MSDS...

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