

SAFETY DATA SHEET (MSDS)

Issue Date: May 2019

PRODUCT NAME: VMS SIGN BOARD GRAFFITI REMOVER

1 IDENTIFICATION

Product Identifier: VMS Sign Board Graffiti Remover

Synonym:

Proper Shipping Name: VMS Sign Board Graffiti Remover

Use: Graffiti Remover

Company Name: Intelligent Traffic Systems

Address: 84 Bluestone Circuit

Seventeen Mile Rocks QLD 4073

Ph: 1300 769 852

Email: info@itsau.com.au

Web: www.itsau.com.au

National POISON Information Centre 131126

2 HAZARD(S) IDENTIFICATION

GHS Classification of the substance or mixture:

Classified as Hazardous according to criteria of SafeWork Australia

Classified as Non - Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road & Rail (7th Edition)

Label Elements:

GHS Label Elements



Signal Word: WARNING

Physical Hazard Statement:

H302: Harmful if swallowed

H332: Harmful if inhaled

Precautionary Statements- General:

P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P103: Read label before use

Precautionary Statements- Prevention:

P261: Avoid breathing dust/fume/mist/vapour/spray

P264: Wash thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P271: Use only outdoors or in a well-ventilated area.

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Precautionary Statements- Response:

P301 + P312: IF SWALLOWED; Call a POISON CENTER or doctor/physician if you feel unwell.
P304 + P340: IF INHALED; Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P 330: Rinse mouth

Precautionary Statements- Storage:

P403 + P235: Store in a well ventilated place. Keep cool

Precautionary Statements- Disposal:

P501: Dispose of contents/container to a licensed professional waste disposal service

3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances:	Proportion	CAS Number	Classification
Benzyl Alcohol	30 to 60%	100-51-6	Acute Toxicity – Category 4
Water and other non-Hazardous substances	30 to 60%	-	-

For the full text of the H-Statements mentioned in this section, see Section 16

4 FIRST AID MEASURES

Inhalation:

Remove victim to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance, induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.

Ingestion:

Rinse mouth thoroughly with water immediately. If swallowed, do NOT induce vomiting. Give 3 to 4 glasses of water to drink. Seek urgent medical assistance.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap. If irritation persists transport to hospital or doctor.

Eye Contact:

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Seek medical attention.

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

Other Information:

In case of poisoning, contact Poisons Information Centre
In Australia call Tel: 131126

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5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

If material is involved in a fire, use water for (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder)

Unsuitable Extinguishing Media:

No data

Fire incompatibility:

No Data

Advice for firefighters:

Fire fighter protection should include a self-contained breathing apparatus (NIOSH-approved or EN 133) and full fire-fighting turn out gear. If possible to do so safely, shut off fuel to fire.
Cool containers / tanks with water spray.

HAZCHEM CODE: None Allocated

Further information:

Decomposes on heating, emitting oxides of carbon.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions protective equipment and emergency procedures:

Wear protective clothing specified for normal operations
PPE advice is contained in Section 8 of the SDS

Environmental precautions:

Prevent further leakage or spillage. Do not discharge product into the aquatic environment without pre-treatment (biological treatment plant).

Methods and materials for containment and cleaning up:

SMALL SPILLS: Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools or HEPA vacuum system. Place into labelled drum(s) for later disposal.

LARGE SPILLS: Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

Reference to other sections:

For disposal see section 13

7 HANDLING & STORAGE

Precautions for safe handling:

Handle and open containers with care in a well-ventilated area.

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Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing – do not allow clothing wet with material to stay in contact with skin. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Keep respiratory protective device available.

Advice on the protection of the environment

See Section 8: Environmental exposure controls.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed and in a cool, well-ventilated place. Keep containers securely sealed and protected against physical damage. Store away from ignition sources and other sources of heat.

Specific end use(s)

No further data known

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limit values

No exposure standards have been assigned by (NOHSC) for this product or any of the components

BENZYL ALCOHOL

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

d-Limonene

No exposure standards have been assigned by (NOHSC) for this product or any of the components

WATER AND OTHER NON-HAZARDOUS SUBSTANCES

No Exposure details available

Appropriate engineering controls:

Skin Irritant. Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then use of a local exhaust ventilation system is recommended.

Respiratory Protection:

Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposal) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contamination.

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.

Eye Protection:

The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate.
(Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336)

Hand Protection:

Recommendation: PVC or natural rubber.

(Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance)

Footwear:

Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.

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Hygiene Measures:

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9 PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Appearance:	Clear to Yellow
Odour:	No Data
Vapour Pressure:	No Data
Vapour Density:	No Data
Melting Point (C°):	No Data
Boiling Point (C°):	over 125°C
Solubility in Water:	Limited
Specific Gravity:	1-1.05
pH:	10-11

Other Information:

Flash Point: No Data

10 STABILITY AND REACTIVITY

Reactivity:

No Data

Chemical stability:

Stable under recommended storage conditions & normal conditions of use.

Possibility of hazardous reactions:

Will not occur

Conditions to avoid:

Avoid contact with heat, flames, ignition sources and incompatibles.

Incompatible materials:

Strong alkalis, acids and oxidising agents.

Hazardous decomposition products:

Emits smoke and fumes when heated to decomposition.

In the event of fire, see section 5

11 TOXICOLOGICAL INFORMATION

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

Ingestion

Harmful if swallowed.

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

Inhalation

Harmful if inhaled.

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Mists from the product may cause irritation to the nose, throat and respiratory system with effects including: Dizziness and headache.

Skin

Will cause irritation to the skin, with effects including: Redness, itchiness and drying/defatting.

Eye

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. These effects are anticipated to be of a short acting nature and no long term injury is anticipated, if the product is removed promptly.

Carcinogenicity

No information available for this product

Mutagenicity

No information available for this product

Chronic Effects

Prolonged or repeated skin contact may lead to dermatitis.

Prolonged or repeated exposure may cause severe eye irritation and some form of permanent eye damage may occur.

Prolonged or repeated exposure or deliberately concentration and inhaling the vapour(s) may result in lung function incapacity or death.

12 ECOLOGICAL INFORMTAION

Ecotoxicity

No Data available

Mobility:

No data available

Persistence / Degradability:

No Data

Chemical Fate Information

No Data Available

This substance may cause long term adverse effects in the aquatic environment.

This substance may cause long term adverse effects in the environment.

13 DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your state. Dispose of material through a licensed waste contractor. Advice toxic and/or corrosive nature if applicable. Normally suitable for disposal by approved waste disposal agent.

14 TRANSPORT INFOMRATION

Road Transport

UN Number: None Allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None Allocated

Packing Group: None Allocated

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Label: Harmful (Xn), Irritant (Xi)

Air Transport

UN Number: None Allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None Allocated

Packing Group: None Allocated

Label: Harmful (Xn), Irritant (Xi)

Sea Transport

UN Number: None Allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None Allocated

Packing Group: None Allocated

Label: Harmful (Xn), Irritant (Xi)

HAZCHEM CODE: NONE ALLOCATED

Not classified as a Dangerous Good according to the Australian Code of Transport of Dangerous Goods by Road and Rail (ADS Code) 6th edition. Not classified as a Dangerous Good according to the UN, DOT(US), ICAO(IATA) or IMO(IMDG).

15 REGULATORY INFORMATION

Poison Schedule: None Allocated

This material is not a Scheduled Poison

Listed in the Australian Inventory of Chemical Substances (AICS).
Safety Phrased applicable to this substance:

S24/25 Avoid contact with skin and eyes

16. OTHER INFORMATION

Date of Preparation: May 2019

Issue date: May 2019

Reasons for Update: NOT APPLICABLE

Hazard Statements:

H302: Harmful if swallowed

H332: Harmful if inhaled

Literature References:

National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.

'Labelling of Hazardous Workplace Chemicals, Code of Practice' Safe Work Australia.

Standards Australia 'AS 1940-2004-The Storage and Handling of Flammable and Combustible Liquids.

Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide',

Standards Australia/Standards New Zealand, 2010.

Worksafe Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)]'.

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Worksafe Australia, 'Hazardous Substances Information System, 2005'.
Worksafe Australia, 'National Code of Practice for the Labelling of Workplace Hazardous Substances (2011)'.
Worksafe Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003(1995)]'

Disclaimer

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. ACC makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards

END OF SDS