

MATERIAL SAFETY DATA SHEET

**VIVANTIS TECHNOLOGIES SDN BHD
REVONGEN CORPORATION CENTER
12A, Jalan TP5, Taman Perindustrian UEP,
47600 Subang Jaya, Selangor, Malaysia.**

For Information:

Tel: +603-8025 1603

Fax: +603-80351637 / 1354

Email: info@vivantechnologies.com

URL: www.vivantechnologies.com

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SECTION 1: CHEMICAL IDENTIFICATION

Code: SD0101-0.5ml

Name: ViSafe Green Gel Stain, 10000X in H₂O

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Proportion	Formula	Molecular Weight
Double distilled water	7732-18-5	>80%	H ₂ O	18
Dimethyl Sulphoxide	67-68-5	>19%	C ₂ H ₆ OS	78.13
Ingredient A	Not applicable	<1%	Not applicable	Not applicable

SECTION 3: HAZARDS IDENTIFICATION

The substance not yet fully tested. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with caution.

Potential Health Effects:

- Not determined for inhalation, ingestion, skin and eyes contact.
- Not determined for chronic exposures and target organs.

SECTION 4: FIRST-AID MEASURES

The product is potentially harmful; avoid prolonged or repeated exposure. Wash thoroughly after handling.

In case of eye or skin contact, wash affected area with water for 15 minutes. Seek medical assistance if there is persistent irritation.

In case of inhalation, move individual to fresh air. Seek medical assistance if there are problems.

In case of ingestion, wash out mouth with water provided the person is conscious. Seek medical assistance immediately.

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SECTION 5: FIRE FIGHTING MEASURES

Use dry chemical powder or appropriate foam extinguisher.

Does not release dangerous substances upon burning.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

For personal protection, avoid contacting the substance with hands or direct skin contact. Prevent skin and eye contact by using personal protective clothing as needed.

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material.

Minimize entry of material into sewers and drainage systems; dispose into a chemical waste container.

Collect and dispose of all waste in accordance with applicable laws.

SECTION 7: HANDLING AND STORAGE

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

Normal measures for preventive fire protection.

Storage

Keep containers tightly closed in a dry, cool, dark and well-ventilated place to protect product quality. Desiccation required.

Store at 4°C for daily use or frequent use; store at -20°C for short term use.

Protect material from long-term exposure to light; may be exposed to light for short periods of time.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Use safety glasses. Where contact with the eyes is likely, use chemical goggles.

Use chemical-resistant gloves as needed.

Use clean protective body covering clothing as needed to minimize contact with clothing and skin.

Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.

ACGIH/OSHA Permissible Exposure Limit Data: Not determined

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red-Orange Solution

Odor: None reported

SECTION 10: STABILITY AND REACTIVITY

Thermal Decomposition: No decomposition if used according to specifications.
Dangerous Reactions: No dangerous reactions identified.
Dangerous Products of Decomposition: No dangerous decomposition products identified.

SECTION 11: TOXICOLOGICAL INFORMATION

RTECS Number: None known
Toxicity: We are not aware of any toxicity data for this product.
Potential Hazards: The complete properties have not been investigated; however, similar compounds are known to be chemically reactive with proteins and other biochemicals and should be treated as potentially hazardous.
Carcinogenicity: Not listed by NTP, IARC or OSHA

SECTION 12: ECOLOGICAL INFORMATION

No ecological effects if handled correctly.

SECTION 13: DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations

SECTION 14: TRANSPORT INFORMATION

Hazard Class: Not determined
Identification Number: Not determined
Packing Group: Not determined
Proper Shipping Name (Technical Name): Not determined

SECTION 15: REGULATORY INFORMATION

US Toxic Substances Control Act (TSCA): Not listed
US Other: Not applicable
EEC EINICS Number: Not identified
EEC Risk Statements: Not determined
Other Country Regulations: None identified

SECTION 16: OTHER INFORMATION

The information contained in this MSDS relates only to the material(s) designed and does not relate to use(s) in combination with any other material, process(es) and /or chemical reaction(s). Vivantis Technologies Sdn. Bhd. provides this information in good faith, from sources believed to be accurate; however, Vivantis assumes no liability for its accuracy or completeness, and thus shall not be held liable for any damage resulting from handling or from contact with the above product.

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Vivantis Technologies Sdn Bhd 587389-D

Revongen Corporation Center

No12A, Jalan TP5, Taman Perindustrian UEP,
47600 Subang Jaya, Selangor Darul Ehsan, Malaysia.

E : info@vivanttechnologies.com

W: www.vivanttechnologies.com

T: +6 03 8025 1603

F: +6 03 8025 1637/1354