

SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **VIVAX 10G**
Supplier: Precision Laboratories, LLC
1429 S. Shields Drive
Waukegan, IL 60085
Product Use: Soil Surfactant
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300
Customer Service, call: (847) 596-3001

2. HAZARDS IDENTIFICATION

GHS Classification:

Skin Irritation, Category 2, H315

Eye Irritation, Category 2B, H320



H315

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.

H320: Causes eye irritation.

Precautionary Statements:

Prevention

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.

P264: Wash protective equipment and work clothes thoroughly after handling.

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

Response

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Treat symptomatically.

P332+P313: If skin irritation occurs: Get medical advice or attention.

P337+P313: If eye irritation persists: Get medical attention or advice.

P362+P364: Take off contaminated clothing and wash it before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS Number</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>Weight %</u> |
|----------------------------------|-------------------|-----------------|------------------|-----------------|
| Proprietary blend of surfactants | Proprietary | | | 100 |

4. FIRST AID MEASURES

IF SWALLOWED: Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

IF ON SKIN: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

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IF INHALED: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Other Effects: This product is not a carcinogen by NTP, OSHA and ACGIH.

5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water spray, foam, CO₂, or dry chemicals may be used in areas where this product is stored.

Specific Hazards: None.

PPE and Precautions: Fire fighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Additional Fire and Explosion Data: Contain escaping vapors with water. Prevent fire-fighting water from entering surface water or groundwater.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Evacuate the spill area, except for cleanup personnel. Wear personal protective equipment (PPE). Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal.

Disposal: Product is slippery under foot; flush smooth surfaces thoroughly. Dispose of collected waste in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions to be Taken in Handling: Keep container sealed when not in use. Safety goggles and eyewash recommended. USDA-accepted nitrile (CFR-20) or neoprene rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Precautions to be Taken in Storage: Product should be stored in a dry place. Reseal containers between uses for maximum storage stability.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: N/D

Eye/Face Protections: Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear chemically impervious gloves, long-sleeved shirt, pants, socks and shoes to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Respiratory Protection: Not required under normal use conditions with good ventilation. Protect against spray mists. Respirator recommended in areas of poor ventilation.

General Protection: Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.

Note: When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed. Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

Personal Protection in Case of Large Spill: Splash goggles, full suit, boots and gloves.

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------|--------------------------|----------------------------|----------|
| Appearance: | Granular | LEL: | N/E |
| Odor: | Mild characteristic odor | Vapor Pressure: | N/D |
| pH (neat): | N/A | Vapor Density: | N/D |
| Melting Point: | N/D | Relative Density: | N/D |
| Freezing Point: | N/D | Solubility in water: | Complete |
| Boiling Point: | N/E | Partition Coefficient: | N/D |
| Flash Point: | >93 °C(>200 °F) | Autoignition Temperature: | N/E |
| Evaporation Rate: | N/D | Decomposition Temperature: | N/D |
| Flammability: | N/A | VOC: | N/D |
| UEL: | N/E | Viscosity: | N/D |

10. STABILITY AND REACTIVITY

| | |
|-------------------------------------|--|
| Stability: | Stable. |
| Possibility of Hazardous Reactions: | Hazardous polymerization will not occur. |
| Condition to Avoid: | Store within recommended temperature range (see Section 7 above). Avoid direct sunlight and prevent product from drying. |
| Incompatible Materials: | Strong bases, strong oxidizing agents, strong reducing agents. |
| Thermal Decomposition Products: | Burning may produce oxides of carbon. |

11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

13. DISPOSAL CONSIDERATIONS

| | |
|--------------------------|--|
| Component Waste Numbers: | No EPA Waste Numbers are applicable for this product's components. |
| Disposal Instructions: | Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations. |
| Container Reuse: | An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. |

14. TRANSPORT INFORMATION

| | |
|--------------------------------|---------------|
| DOT Status (Highway and rail): | Not Regulated |
| IATA Status (Air): | N/E |
| Marine Pollutant: | No |

15. REGULATORY INFORMATION

| | |
|-------------------|-------------------|
| SARA HAZARD: | No |
| TSCA: | Components listed |
| AICS (Australia): | Components listed |
| DSL (Canada): | Components listed |
| EINECS (Europe): | Components listed |

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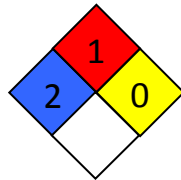
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16. OTHER INFORMATION

HMIS Hazard Rating

| | |
|---------------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 1 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | X |

NFPA Rating



Last Updated: January 19, 2015

Date Prepared: February 14, 2014

WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, LLC MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration. NJTSR = New Jersey Trade Secret Registry.