

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier : PENETRANT WATER SOLUBLE WSP-03
Other means of identification : None
Recommended use : Non-Destructive Testing
Recommended restrictions : None
**Manufacturer/Importer/
Supplier Distributor information**
Company name : PT. GLOBAL SOLUTION TECHNOLOGY ASEANA
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2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

The precise composition of this mixture is proprietary information. A complete disclosure will be provided to a physician or nurse in the event of a medical emergency

<u>Component</u>	<u>Composition</u>
- Synthetic Iso Paraffinic oil	- 60 – 95 %
- Hydrotreated naphthenic petroleum	- 2-5 %
- Emulsifier and Additive	- N/A

3. HAZARDOUS INFORMATION

Eyes: This product causes eye irritation upon contact. Avoid contact with eyes

Skin : This product may cause skin irritation upon long time direct contact. Prolonged or repeated contact may result in dermatitis, oil acne, folliculate, edema. Contact dermatitis is characterized by dryness, chapping and reddening.

Inhalation : Excessive inhalation may cause local irritation, dizziness and nausea.

Ingestion : Ingestion of this product may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4. FIRST AID MEASURES

Thoroughly flush affected area with large quantities of water.
Remove and wash all contaminated clothing before use.

Inhalation : If overexposure occurs, remove victim to fresh air immediately. If breathing has stopped, apply artificial respiration and administer oxygen if necessary. Seek medical attention immediately.

Eye Contact : Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.

Skin Contact : Flush with water while removing contaminated clothing and shoes. Wash exposed portions of the skin with soap and water. Do not use clothing and shoes until thoroughly cleaned and decontaminated. Discard all articles soaked with this product.

Ingestion : Do not induce vomiting. Give two glasses of water if the person is conscious. Do not give any liquid if the person is unconscious or very drowsy. Keep the person warm and quiet. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

This product does not pose an unusual fire fighting problem. It will burn if involved in fire. Use foam, dry chemicals, CO₂, sand/earth to extinguish fire. Water may be used to cool exposed container. The product may float on water and reignite. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive-pressure NIOSH approved self contained breathing apparatus.

6. ACCIDENTAL FOR ACCIDENTAL RELEASE

Put on protective clothing before starting the clean up. Contain spill and stop the leak at the source if safe to do so and notify the appropriate authorities of the spill. Material may burn although not readily ignitable. Use cautious judgment when cleaning up large spills can be removed by a vacuum truck or pump to storage vessels. Flush area with large amounts of water to in-house treatment system to remove trace residues. Do not directly flush to the sewer or surface waters. Dispose of the material in accordance with federal, state and local area regulations.

7. HANDLING & STORAGE

HANDLING :

Use good engineering practice to establish good ventilation. For normal use, wear rubber gloves, coveralls, boots, goggles and mask. If a mist of this material is present or the ventilation is poor the use mist type respirator and a local exhaust is required for the mist.

Do not eat or drink while handling the materials. Wash hands thoroughly with soap before eating.

STORAGE :

Do not transfer the material to unmarked containers. Store in closed containers away from extreme heat, sparks, open flame, or oxidizing. Fire extinguishers should be kept available at all times.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Use oil resistant rubber gloves, boots, coveralls and goggles under normal use. Local exhaust, ventilation, mist type respirator and face shield are required under mist conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Dark Red
Boiling Point	: 150°C
Flash Point	: 45°C
Specific Gravity	: 0.86 gr/cm ³
Water Solubility	: Negligible
PH	: N/A
Vapor Pressure @20°C	: < 2.5 mmHg
Explosive properties	: N/A

10. STABILITY & REACTIVITY

Stable under normal conditions and use.

Heat, flame or addition of strong oxidizing materials such as chromic acid, hydrogen peroxide and bromine may cause decomposition.

Decomposition product may include CO, CO₂, SO₂ and other unidentified organic compounds.

11. TOXICOLOGICAL DATA / INFORMATION

May cause skin and eye irritation.

12. ECOLOGICAL INFORMATION

No specific data is available.

13. DISPOSAL CONDITIONS

Do not flush directly to sewer or surface waters.

Incineration, landfill and biological treatment are possible methods.

Dispose material according to all federal, state and local regulations

14. TRANSPORTATION INFORMATION

N/A

15. REGULATORY INFORMATION

All components are listed on the TSCA Chemical Inventory.

HMIS Labeling :

Health : 2
Flammability : 1
Reactivity : 0

16. ADDITIONAL INFORMATION

This product has not been tested in long term chronic exposure. All safety precautions and handling procedures outlined in this MSDS must be followed in order to minimize exposure.

DISCLAIMER OF WARRANTY :

The information presented here in has been compiled from sources considered to be dependable and is accurate to the best of seller's knowledge. However, seller makes no warranty whatsoever, expressed, implied of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof. Seller assumes no responsibility for injury to buyer or third party or any damage to property. Buyer assumes all such risks.