



**MATERIAL  
SAFETY  
DATA SHEET**

# MATERIALS SAFETY DATA SHEET

## Identification of the Substance/Preparation

**Substance Or Preparation Trade Name:** Parweld Dye Penetrant Spray

## Unique Reference Numbers

WR7030

## Composition

**Definition:** Water Soluble metal dye penetrating fluid with wetting agents and Vegetable oil based binder.

## Hazards Identification

**Most Important Hazards:** No Significant Hazard

## First Aid Measures

**Skin Contact:** Wash off with plenty of soap and water. Remove contaminated clothing.

**Eye Contact:** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Ingestion:** DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

## Fire Fighting Measures

Extinguishing media not applicable as substance is non-flammable.

**Extinguishing Media** Foam, CO2, Powder

**Fire Hazards** None.

**Protective Equipment** Wear suitable respiratory equipment when necessary.

## Accidental Release Measures

**Personal Precautions** Ensure adequate ventilation of the working area.

**Environmental Precautions** As with all products, prevent leakage into Sewers, ground water and soil by use of sand or other suitably inert material. If leakage occurs, contact and notify your local Authority or Water Authority as appropriate.

## Handling and Storage

**Respiratory Protection:** No special measures necessary. As with all pressurised products take care to avoid spray or contents being inhaled when airborne.

## Handling

No special handling measures necessary. Do not pierce pressurized container even when empty. Avoid exposing the container to direct sunlight or heat sources with a naked flame. Keep container capped until ready for use to avoid accidental release of the contents. Do not smoke whilst using the product

## Storage

Keep packaging closed and away from Frost. Avoid exposing packaging to direct sunlight or heat sources. Avoid exposure to extremes of temperature between 5oC and 50oC. No special instructions necessary regarding storage with other products.

Container and contents are Non-Flammable and Non-Toxic.

## Exposure Controls

### Exposure Limits:

<b>Engineering Measures</b>	Ensure adequate ventilation of the working area.
<b>Hand Protection</b>	Chemical resistant gloves (PVC) Wash hands thoroughly after use and before handling food. . Do not smoke or eat food whilst using the product. Keep product away from food and drinks.
<b>Eye Protection</b>	In case of splashing, wear: Approved safety goggles.
<b>Protective Equipment</b>	Wear protective clothing.

## Physical and chemical properties

<b>Physical Form:</b>	Liquid Spray
<b>Appearance:</b>	Bright, Strong Red Liquid
<b>Odour:</b>	None
<b>Water Solubility</b>	Soluble in water.

## Stability and Reactivity

Stable under normal conditions.

## Toxicological Information

**Immediate Toxicity:** Dye Value LD50 (Rat) Oral = 5000mg/Kg (at 100% inclusion)

Dye Eco Toxicity: Lc50 = 450mg/Ltr 48 Hours (Trout)

Dye Inclusion is <1.5% V/v 11.1.3

Dispersant Value LD50 (Rat) Oral = 2000mg/Kg (at 100% inclusion)

Inclusion is <0.25% V/v 11.1.4

Binder Value LD50 (Rat) Oral = 30000 mg/Kg (at 100% inclusion)

Binder Inclusion is <15% V/v

Health Effects (Skin): Non Irritant (EC83) Rabbit. (Dye)

Health Effects (Eyes): Non Irritant (EC83) Rabbit. (Dye)

Delayed Chronic No data known that the product or its substances have a Toxicity: bad or chronic influence on Health.

## Ecological Information

**Degradability:** None known.

**Mobility:** The product is a liquid and emulsifies with water. Non hazardous product for surface and ground water.

**Eco Toxicological Effects:** None known

**Further harmful ecological Information:** None known.

## Disposal Considerations

**General Information** Dispose of in compliance with all local and national regulations. Aerosol. Do not pierce or burn, even after use. Refer to manufacturer/supplier for information on recovery/recycling.

**Disposal Methods** Contact a licensed waste disposal company. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

**Disposal Of Packaging** Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## Transport Information

<b>ADR/RID</b>	UN1950 Packing group-Class2F Hazard ID-Proper Shipping Name AEROSOLS
<b>IMDG Code F-DS-U</b>	UN1950 Packing group-Class2F Marine pollutant. EmS
<b>IATA</b>	UN1950 Packing group-Class2F Subsidiary risk see SP63

The product is not classified as dangerous for carriage.

## Regulatory Information

**Risk phrases NSH** - No Significant Hazard.

**Further information** The product is classified as non hazardous.

## Other Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.