



## MSDS (MATERIAL SAFETY DATA SHEET)

**Product Name: PWx Factor**

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**The Perfumer's Studio, LLC — Emergency Phone Number: International Access Code + (1) (424) 653-6456**

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### SECTION 1. CHEMICAL IDENTIFICATION –

Mixture of odiferous materials of a type used in industry. GHS Reference: 3302.90

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Complex mixture of odiferous materials (terpenes, terpenoids, aromatic esters and aroma chemicals).  
DO NOT CONTAIN ETHYL ALCOHOL, DIETHYL PHTHALATE OR VOLATILE SOLVENTS.

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### SECTION 3. HAZARDS IDENTIFICATION NFPA HAZARD CLASSIFICATIONS

This product is not hazardous per the Globally Harmonized System of Classification and Labelling (GHS).

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### SECTION 4. FIRST-AID MEASURES

*INHALATION EXPOSURE:* Normal inhalation is unlikely to produce adverse reactions. In the event of adverse reactions. Remove to fresh air. Give oxygen and call a physician. *EYE CONTACT:* Flush with water for 15 min. Seek medical help if necessary. *SKIN CONTACT:* Wash area well with water. Seek medical help if necessary. *INGESTION:* Administer water and call a physician or poison control center immediately. Do not induce vomiting.

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### SECTION 5. FIRE FIGHTING MEASURES EXTINGUISHING MEDIA CO<sub>2</sub>, FOAM, DRY CHEMICAL SPECIAL FIRE FIGHTING PROCEDURES:

Use standard firefighting procedures for oil fires.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Standard absorbents can be used.

**WASTE DISPOSAL METHOD:** Incineration or sanitary landfill in accordance with local, state, and federal regulations.

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**SECTION 7. HANDLING AND STORAGE HANDLING** Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene. **STORAGE** Store in a cool, well-ventilated area. **FIRE PROTECTION** Keep away from ignition sources and naked flame.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Usually not required **VENTILATION:** Mechanical (general) **PROTECTIVE GLOVES:** Rubber gloves **EYE PROTECTION:** Splash-proof safety glasses **OTHER PROTECTIVE EQUIPMENT:** Safety shower, eye wash

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Color: Colorless

Odor: Almost odorless

Odor Threshold: No test data available

pH: Not applicable

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Melting point/range: < -20 °C EC Method A1  
Freezing point: < -20 °C EC Method A1  
Boiling point: (760 mmHg) 227 °C EU Method A.2 (Boiling Temperature)  
Flash point: closed cup >100 °C EC Method A9 (PMCC)  
Evaporation Rate (Butyl Acetate = 1) <0.05 Literature  
Flammability: (solid, gas) Non-flammable  
Lower explosion limit: No test data available  
Upper explosion limit: No test data available  
Vapor Pressure: 1.3 Pa at 25 °C EC Method A4  
Relative Vapor Density (air = 1): 4.63 Literature  
Relative Density (water = 1): 1.01-1.03 at 20 °C / 20 °C Literature  
Water solubility: 100 % at 20 °C Literature  
Partition coefficient: noctanol/water log Pow: -0.46 OECD Test Guideline 107 or Equivalent  
Auto-ignition temperature: 332 °C EC Method A15  
Decomposition temperature: No test data available  
Dynamic Viscosity: 75 mPa.s at 25 °C Literature  
Kinematic Viscosity: 118 mm<sup>2</sup>/s at 20 °C Literature  
Explosive properties: Not explosive

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## **SECTION 10. STABILITY AND REACTIVITY INCOMPATIBILITIES**

CONDITIONS TO AVOID: No materials present for special reactivity hazards.

MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS COMBUSTION PRODUCTS: CO, CO<sub>2</sub>, Water

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## **SECTION 11. TOXICOLOGICAL INFORMATION**

ACUTE EFFECTS: Most likely route of entry is through the skin. Full strength may be irritating to skin and eyes.

THRESHOLD LIMIT VALUE (TLV): Not established

OSHA PERMISSABLE EXPOSURE LIMIT (PEL): Not established

LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

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## **SECTION 12. ECOLOGICAL INFORMATION GENERAL**

Prevent contamination of soil, ground- and surface water

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## **SECTION 13. DISPOSAL CONSIDERATION WASTE DISPOSAL METHOD:**

Incineration or sanitary landfill in accordance with local, state, and federal regulations.

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**SECTION 14. TRANSPORT INFORMATION** Class Pack Group Sub. Risk UN No. IMDG Page Road(U.S.-DOT): not regulated. Air (IATA): not regulated. Sea (IMDG): not regulated.

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## **SECTION 15. REGULATORY INFORMATION EUROPEAN INFORMATION**

There were no toxicological studies in the published literature to assign risk and safety phrases. REVIEWS, STANDARDS AND REGULATIONS EPA TSCA SECTION 8(B)

CHEMICAL INVENTORY LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA? NO

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