

## Material Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

<b>MSDS Name:</b>	Drospirenone
<b>Synonyms:</b>	1,2-Dihydrospirorenone
<b>Company Identification:</b>	PI Chemicals Ltd. Building B, 633 E Shan Road, Pudong New Area Shanghai 200127, China
<b>Telephone Number:</b>	86-21-58953700
<b>Fax Number:</b>	86-21-58953701

### Section 2 - Product Information

<b>Catalog Number:</b>	PI-13613
<b>CAS Number:</b>	67392-87-4
<b>MDL Number:</b>	Not available
<b>EC Number:</b>	266-679-2
<b>Purity:</b>	98%

### Section 3 - Physical and Chemical Properties

<b>Physical state:</b>	Crystalline powder
<b>Color:</b>	White to off-white
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>30</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	366.49
<b>Freezing/Melting Point:</b>	196-202 deg C
<b>Boiling Point:</b>	Undetermined
<b>Flash Point:</b>	Undetermined
<b>Autoignition Temperature:</b>	Undetermined
<b>Refractive Index (nD20):</b>	Undetermined
<b>Density:</b>	Undetermined
<b>Decomposition Temperature:</b>	Undetermined
<b>Solubility:</b>	Undetermined

### Section 4 - Hazards Identification

<b>Eye:</b>	Causes eye irritation.
<b>Skin:</b>	Causes skin irritation. Harmful if absorbed through the skin.
<b>Ingestion:</b>	May cause irritation of the digestive tract. Toxic if swallowed.
<b>Inhalation:</b>	May be harmful if inhaled. Causes respiratory tract irritation.

## **Section 5 - First Aid Measures**

- Eye:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- Skin:** Get medical aid. Flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists.
- Ingestion:** Get medical aid immediately. Wash mouth out with water.
- Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

## **Section 6 - Stability and Reactivity**

- Chemical Stability:** Stable under recommended temperatures and pressures.
- Materials to avoid:** Strong oxidizing agents.
- Hazardous Decomposition Products:** Carbon oxides.
- Hazardous Polymerization:** Has not been reported.

## **Section 7 - Handling and Storage**

- Handling:** Avoid breathing dust, vapor, mist, or gas. Keep container tightly closed. Avoid contact with skin and eyes. Wash thoroughly after handling. Mechanical exhaust required.
- Storage:** Keep container tightly closed in a dry and well-ventilated place.

## **Section 8 - Personal Protection**

- Eyes:** Wear appropriate protective eyeglasses.
- Skin:** Wear appropriate protective gloves to prevent skin exposure.
- Clothing:** Wear appropriate protective clothing to prevent skin exposure.
- Respirators:** Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## **Section 9 - Fire and Explosion Hazard Data**

- General Information:** As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.
- Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.

## **Section 10 - Accidental Release Measures**

- General Information:** Use proper personal protective equipment as indicated in Section 8.
- Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container.

## ***Section 11 - Toxicological Information***

**RTECS#:** CAS#67392-87-4: WH1299000.  
**LD50/LC50:** RTECS: WH1299000.  
**Carcinogenicity:** Drospirenone –Not listed as a carcinogen by ACGIH, IARC, NTP, or OSHA.

## ***Section 12 - Environmental information***

Not available

## ***Section 13 - Disposal Consideration***

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

## ***Section 14 - Transport Information***

**IATA:** Not available.  
**IMO:** Not available.  
**RID/ADR:** Not available.

## ***Section 15 - Regulatory Information***

### ***European/International Regulations***

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi

Indication of Danger: Irritant

Risk Phrases:

R 36/37/38: Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39: Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS#67392-87-4: Not available

## ***Section 16 - Additional Information***

**MSDS Creation Date:** 6 August, 2007  
**Update:** 12 October, 2011

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