



## ZSIVIRA CHEMIE MERK PRIVATE LIMITED

According to 91/155EC

### Material Safety Data Sheet

Date of Issue : 20.09.2012

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#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND DETAILS OF THE COMPANY

##### Product Details

Trade Name : ZSIVITAN 2PW

##### Manufacturer/Supplier details :

##### ZSIVIRA CHEMIE MERK PRIVATE LIMITED

"Iyengar House"

No.9.Arkeeshwarar Colony Main Road,  
Lakshmiapuram, Chromepet, Chennai – 600 044, INDIA

Emergency Telephone Number : +91-44-65855819 or call your nearest poison control center

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** : Phenol condensation product

**Dangerous Components** : VOID

CAS NO.	Designation	%	Index	R-Phrases
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#### 3. HAZARDS IDENTIFICATION

##### Hazard Designation:

According to present state of knowledge, provided that this product is handled correctly, there is no known danger to humans.

##### Information pertaining to particular dangers for man and environment :

No particular hazards known.

#### 4. FIRST AID MEASURES

**General Information** : Take affected persons into the open air.

**After inhalation** : supply fresh air, consult doctor in case of symptoms.

**After skin contact** : Instantly wash with soap and water.

**After eye contact** : Immediately rinse eyes with plenty of water.

**After swallowing** : In case of persistent symptoms consult doctor. Show container or the label.

#### 5. SPECIAL FIRE FIGHTING PROCEDURES

**Suitable extinguishing agents** : Foam, Carbon di oxide , dry powder, water spray

**For safety reasons unsuitable extinguishing agents** : No restrictions

**Preventive equipment** : Inhalation mask while packing.

**Additional Information** : Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.



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#### 6. ACCIDENTAL RELEASE MEASURES

**After spillage, leakage , gas leakage : Use personal protective equipment.**

**Large Amounts :** Do not let the drain in rivers, ponds or sewer systems.

**Small Amounts :** Prevent material from reaching sewage system, holes and cellars.  
Take up with absorbent material such as sand and dispose.

**Cleaning of equipment :** Pick up with absorbent material. Dispose of absorbed material in  
Accordance with regulations

**Additional information :** No dangerous substance are released

#### 7. HANDLING AND STORAGE

**Handling:**

**Information for safe handling :**

No special measures required

**Information about protection against explosions and fires :** No special measures required.

**Storage :**

No special measures required for storing in store rooms/containers/common storage facility.

Keep in a cool/dry place.

**Storage class :**

**Class according to regulation on inflammable liquids :** Void

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS NO.	Designation	%	Type	Value	Unit
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The product does not contain any relevant quantities of materials with critical values that have to be Monitored at the work place.

**Additional occupational Exposure Limit values for possible hazards during processing :**

During Inhalation : 10mg m-3 ( 8 – Stunden as per European Norms)

**Additional Information :**

The lists that were valid during the compilation were used as basis.

**Personal protective equipment :**

General protective and hygienic measures : Wash hands during breaks and at the end of work.

Respiratory Protection : Dust Mask.

Protection of hands : No special protection needed

Eye Protection : goggles with side pieces during packing.

Body Protection : Not required.



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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Powder  
Colour : Pale Brown  
Odour : Slight  
Change in condition : NIL  
Boiling Point/range : approx. 150°C  
Flash Point : >Not applicable  
Self inflammability : Product is not self inflammable.  
Danger of Explosion : Product is not explosive.  
Density : approx at 20°C 0.5g/cm<sup>3</sup>  
Solubility/Miscibility in water : Dispersible  
pH value : at 30°C (100g/ltr) - 5 - 6

#### 10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided :  
No decomposition if used according to specifications.

Dangerous products of decomposition :  
When used and handled as intended, none.

#### 11. TOXICOLOGICAL INFORMATION :

Remarks : According to experience, the product is considered to be harmless to health if used in  
Correct manner.

##### **Primary irritant effect :**

On the skin : No irritant effect  
On the eye : slightly irritant  
Sensitization : No sensitizing effect found

#### 12. ECOLOGICAL INFORMATION :

Remark : No data Available  
General Notes: Contains NO AOX  
Water hazard class 1 (Self Assessment) : slightly hazardous for water.  
Do not allow undiluted product or large quantities of to reach ground water, water bodies or sewage  
System.



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#### 13. DISPOSAL CONSIDERATIONS :

Organically bounded chemical elements in the product : Mix with flammable liquids.

Recommendation : In accordance with local authority regulations, take to special waste incineration Plant.

Uncleaness packaging : If empty contaminated containers are recycled or disposed of , the receiver must be informed about possible hazardous.

Recommendation : Disposal must be made according to official regulations.

Recommended cleaning agent : Water, if necessary with cleaning agents.

#### 14. TRANSPORT INFORMATION :

Land transport ADR / RID : (Cross Border )

ARD / RID - GGVS / E Class : --

Maritime transport IMDG :

IMDG Class : --

Air transport ICAO - TI and IATA - DGR:

ICAO / IATA Class :

#### 15. REGULATORY INFORMATION

Designation according to EC guidelines : Observe the normal safety regulations of handling chemical  
The product is not subject to identification regulations under EC Directives.

National regulations : Products is not subject to the regulations on flammable substances.

#### 16. ADDITIONAL INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The product is intended to be used in leather processing as tanning agent.