



# ZSIVIRA CHEMIE MERK PRIVATE LIMITED

According to 91/155EC

## Material Safety Data Sheet

Date of Issue : 20.09.2012

Page : 1/4

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

#### Product Details

Product Name : **ZSIVITAN ZKM**

#### Manufacturer/Supplier details :

#### **ZSIVIRA CHEMIE MERK PRIVATE LIMITED**

9.Arkeeshwarar Colony Main Road, Lakshmipuram, Chromepet 600 044. INDIA

Emergency Telephone Number : +91-0 7667620805 or call your nearest poison control center

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** : Blend of Inorganic Buffering Salts with Phenol Sulfonates

#### Dangerous Components :

CAS NO.	Designation	%	Index	R-Phrases
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VOID

### 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 running water.

**After ingestion** : 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

**Special advice in case of fire** : No special advice.

**Preventive equipment** : Do not inhale explosion and / or combustion gases.

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



## Material Safety Data Sheet

Date of Issue : 20.09.2012

Page : 2/4

### 6. ACCIDENTAL RELEASE MEASURES

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

**Large Amounts :** Do not let the liquid 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 :** See Sec 8 for information on personal protection equipment

### 7. HANDLING AND STORAGE

**Handling:**

**Information for safe handling :**

When working with the product vapours/aerosols may be evolved; therefore a local exhaust and Ventilation are recommended.

**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 :** 10

**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 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 : Breathing apparatus in the event of aerosol or mist formation.

Short term : Filter apparatus, combination filter A-P2.

Protection of hands : Protective PVC gloves.

Eye Protection : goggles with side pieces.

Body Protection : Not required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Powder

Colour : Pale Beige to Brown

Odour : Characteristic

Change in condition : Mildly Hygroscopic. No particular change in condition.

**Material Safety Data Sheet**



## ZSIVIRA CHEMIE MERK PRIVATE LIMITED

According to 91/155EC

Date of Issue : 20.09.2012

Page : 3/4

Flash Point : >100°C  
Self inflammability : Product is not self inflammable.  
Danger of Explosion : Product is not explosive.  
Density : approx at 25°C 1.23g/cm<sup>3</sup>  
Solubility/Miscibility in water : Soluble under stirring  
pH value 10% : at 25°C 8.0 to 9.0

### 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 : Irritant  
Sensitization : Slight sensitizing effect found

### 12. ECOLOGICAL INFORMATION :

Remark : No data Available

General Notes:

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.

### 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.

Uncleanness 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.

**Material Safety Data Sheet**



## ZSIVIRA CHEMIE MERK PRIVATE LIMITED

According to 91/155EC

Date of Issue : 20.09.2012

Page : 4/4

### 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.  
Water hazard class L Water hazard class 1 (Self Assessment) : Slightly hazardous

### 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 as Tanning Agent in Leather Processing