





## Material Safety Data Sheet

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**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.

### 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.



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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Fluid  
Colour : Colourless  
Odour : Characteristic  
Change in condition : No particular change in condition.  
Flash Point : >100°C  
Self inflammability : Product is not self inflammable.  
Danger of Explosion : Product is not explosive.  
Density : approx at 25°C 1.011g/cm<sup>3</sup>  
Solubility/Miscibility in water : Readily miscible  
pH value 10% : at 25°C 5.5 to 7.0

### 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 disposedof , 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.



**ZSIVIRA CHEMIE MERK PRIVATE LIMITED**

According to 91/155EC

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### **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**

#### **Risk Phrases :**

R35/38 Irritant to Eyes and skin  
R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment

#### **Safety Phrases:**

26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
28 After contact with skin, wash immediately with plenty of water  
37 wear suitable gloves  
61 Avoid release to the environment.

### **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.