



**RADIANT**  
CHEMICALS

Plot No - A 4, M.I.D.C, Kulgaon,  
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## MATERIAL SAFETY DATA SHEET

(Revised version - Jan 20)

### 1. Identification of the substance/preparation and the company

**Substance** : RHINOL - 731  
**Use** : Dispersing Additive for Paints  
**Company** : **Radiant Chemicals,**

Plot No : A 4, MIDC, Kulgaon MIDC, State : Maharashtra, INDIA  
Ph : +91 251 2696 114 / 5, Email : rhinol@radiantchemicals.com

### 2. Composition/information on the ingredients

**Chemical Nature** : Sodium Salt of Polymeric Carboxylic Acid  
**CAS Number** : 37199-81-8

Component Name	CAS Registry No	Concentration
Sodium salt of Polymeric Carboxylic Acid	-	24 - 26 %
Water	7732-18-5	76 - 74 %
Individual Residual Monomer	Not required	~ 0.1%

### 3. Hazard Identification

It is non-hazardous in nature

### 4. First Aid Measures

Normal precautions to be taken while handling any chemical substance.

**Eye** : flush eyes with plenty of water for at least 10 minutes, occasionally lifting the upper and the lower eyelids. Get medical aid.

**Skin** : Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid.

**Ingestion** : If victim is conscious and alert, give 2-4 cupfuls of milk or water.  
Never give anything by mouth to an unconscious person. Get medical aid.

**Inhalation** : Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

#### **Notes to**

**Physician** : Treat symptomatically and supportively.

## 5. **Fire fighting Measures**

It is Non-flammable in nature. But in case of accidental fire, use water spray, dry carbon dioxide, or chemical foam.

General Information: As in any fire, wear a self contained breathing apparatus.

Wear sealed chemical suit (Viton, Butyl rubber, suitable gloves, boots and self-contained breathing apparatus.

## 6. **Accidental release Measures**

General Information : Use proper personal equipment as indicated in section 8

Spills/ Leaks: Absorb spill with inert material (e.g. dry sand or earth) then place into a chemical; waste container.

## 7. **Handling & Storage**

Handling wash thoroughly after handling. Use only in a well ventilated area. Avoid breathing vapour or gas. Avoid contact with skin and eyes.

Avoid ingestion and inhalation. Use goggles, mask rubber and plastic gloves. Use personal respiratory protective equipments to avoid inhalation.

Storage : Store in a cool, dry place. Store in a tightly closed container, store away from any heat or open flame, oxidants and strong basis.

## 8. **Exposure Control, Personal Protection**

The product is non-volatile in nature and no airborne substances are reported to be released in atmosphere. Take precautionary measure while handling any other normal chemicals.

Use local exhaust ventilation, or other engineering controls to keep proper air circulation.

### Personal protective Equipment

Eyes : Wear appropriate eyeglasses or chemical safety goggles.

Skin : Wear appropriate protective gloves to prevent skin exposure. Use Butyl rubber, PVA or Viton gloves ( not nitrile)

Clothing : Wear appropriate protective clothing to minimize contact with skin.

Respirators : Use personal respiratory protective equipment to avoid inhalation.

## 9. **Physical And Chemical Properties**

<b>Physical state</b>	Liquid	<b>Color</b>	Light yellow
<b>Odour</b>	Mild – inoffensive	<b>Density</b>	1.10 ± 0.10 gm /cc
<b>pH</b>	9.70 to 10.70	<b>Amine Value</b>	No data available
<b>Brookfield Viscosity</b>	Below 500.0 cps	<b>Freezing point</b>	No data available
<b>Water solubility</b>	Soluble	<b>NVM</b> (110 deg C for 60.0 min)	24 to 26%

**10. Stability And Reactivity**

Chemical stability : Stable under normal temperatures and pressures.

Conditions to Avoid: High Temperatures, incompatible materials and ignition sources.

**11. Toxicological Information**

The product is considered to be Non - toxic in nature. More Details on Toxicology not available.

**12. Ecological Information**

The product is bio-degradable. However no information on the rate of biodegradability available.

**13. Disposal Considerations**

Dispose off as per local laws and regulation.

Additionally, waste generators must consult state and local hazardous waste regulation, ensure complete and accurate classification.

**14. Transport Information**

Product is stored in HM HDPE sturdy drums and can be transported by Air, Sea & Road. Not regulated as hazardous materials by any mode of transportation. It is not a marine pollutant.

Export water (IMO) : Not regulated

(ICAO / IATA) : Not regulated

DOT Shipping Name : RHINOL - 731

DOT Hazard class : Not regulated (Not dangerous for transport)

DOT Identification : No data

DOT Packing group : No data

DOT additional Info : No data

**15. Regulatory Information**

No data available.

**16. Additional Information**

The information above is believed to accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purpose. In no way the company be liable for any claims, losses, or damages of any third party or lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising, even if the company has been advised of the possibility of such damages.