



RADIANT
CHEMICALS

Plot No - A 4, M.I.D.C, Kulgaon,
Badlapur - E, Dist - Thane (421 503)
State - Maharashtra, INDIA
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MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product : **RHINOL 022**
Product Information : Defoamer

Manufacturer :

Radiant Chemicals, Plot No : A - 4, M.I.D.C., Kulgaon, Badlapur (EAST),
Pincode : 421 503, State : Maharashtra, INDIA, Ph : +91 251 2696 114,
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2. Composition / Information on Ingredients

Chemical nature : Mixture of foam destroying polysiloxanes and hydrophobic solids in polyglycol

Hazardous components

No hazardous ingredients

3. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

None known.

4. FIRST-AID MEASURES

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Induce vomiting immediately and call a physician.
Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

5.3 Advice for firefighters

Special protective equipment for fire-fighters : Wear self contained breathing apparatus for fire fighting if necessary.

Further information: Standard procedure for chemical fires.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

Electrical installations / working materials must comply with the technological safety standards.

Other data : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Hand protection	:	PVC disposable gloves
Break through time	:	120 min : The suitability for a specific workplace Should be discussed with the producers of the protective gloves.
Eye protection	:	Eye wash bottle with pure water. Tightly fitting Safety goggles
Skin and body protection	:	impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Environmental exposure controls

General advice : Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Color	Gray-Light yellow, cloudy
Odour	Not significant	Flash Point	No data available
Ignition temperature	>100 °C	pH	No data available
Melting Point/range	No data available	Initial boiling point	No data available
Vapour pressure	No data available	Density	1.0 g/cm ³ approx
Bulk density	Not applicable	Water solubility	Immiscible
Viscosity, kinematic	No data available	Surface tension	No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

10.4 Conditions to avoid

Conditions to avoid : no data available

10.5 Incompatible materials

10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon oxides & Nitrogen oxides

11. TOXICOLOGY INFORMATION

Acute toxicity

Acute oral toxicity : Acute toxicity estimate: 602,41 mg/kg

Method: Calculation method

Skin corrosion/irritation

Skin irritation : no data available

Serious eye damage/eye irritation

Eye irritation : no data available

Respiratory or skin sensitization

Sensitisation : no data available

Target Organ Systemic Toxicant - Repeated exposure : no data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish : no data available

12.2 Persistence and degradability

Biodegradability : no data available

12.3 Bioaccumulative potential

Bioaccumulation : no data available

12.4 Mobility in soil

Surface tension : no data available

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

Additional ecological information : no data available

13. DISPOSAL CONSIDERATIONS

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

14. TRANSPORT INFORMATION

Land Transport : Not dangerous goods.
Sea Transport : Not dangerous goods.
Air Transport : Not dangerous goods.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Major Accident Hazard Legislation : 96/82/EC Update: 2003
Directive 96/82/EC does not apply

16. OTHER INFORMATION:

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.