

Material Safety Data Sheet

ANUVISOL 77

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SECTION 1. IDENTIFICATION OF THE PRODUCT AND COMPANY/UNDERTAKING

Product Identification: ANUVISOL 77

Details of the supplier and safety data sheet

Company:

Manufacturer/ Supplier : Anuvi Chemicals Limited,
Street / Post Box : 210/211, Narmada, Laxmi
Industrial Premises,
Pokhran Road, No.1
Vartak Nagar,
Town / City and Post Code : Thane (West), Maharashtra
Post Code : 400606
Country : India
Telephone No. : +91-22-25855379
Fax : +91-22-25855714
Email : sales@anuvi.in
Website : www.anuvi.in
Emergency contact Number : +91-22-25855714 / +91-251-2690418

SECTION 2. HAZARDOUS IDENTIFICATION

Inhalation - Inhalation of vapour or mist can cause, irritation of nose, throat and lungs.

Eye contact - Direct contact with material can cause irritation.

Skin contact – Prolonged or repeated skin contact can cause slight skin irritation.

SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Sr. No.	Composition	CAS REG. NO.	Effects & Hazards	Weight (%)
1	Copolymeric emulsion of styrene/ Acrylic	9010-92-8	Non Hazardous	49-51
2	Individual residual monomers		Not required	< 0.1
3	Water	7732-18-5	Non Hazardous	51-49

SECTION 4. FIRST AID MEASURES

Inhalation – If inhaled send the person in open area. In the event of adverse symptoms take medical treatment.

Eye Contact –In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor if required.

Skin contact – In case of contact with skin wash off immediately with soap and water and consult a doctor if skin irritation persists.

Ingestion: If swallowed, give water to drink. If the person is unconscious, Consult a physician.

SECTION 5. FIRE FIGHTING

Flash point - >100°C

Auto ignition temperature - Not applicable

Low Explosive Limit - Not applicable

Upper Explosive Limit - Not applicable

Suitable Extinguishing media

Extinguishing media suitable to the surrounding fire.

Unusual Hazards

Since it is water based, material can splatter above 100°C and dried product (polymer) can burn.

Extinguishing Agents.

Suitable extinguishing media:

Foam, Carbon Dioxide or Dry powder.

Personal Protective Equipment

Use hand gloves, face mask and apron while using the product.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Protection

Appropriate protective equipment must be worn while handling spillage.

Environmental Precautions

Do not allow to enter drains or waterways

In case of entry into waterways, soil or drains, inform the responsible authorities.

Procedures

Avoid unnecessary crowd around the affected area. Contain spills by covering it with neutral substances like mud, clay, sand etc. Dispose off the material with neutral substance to safe area or incinerate.

SECTION 7. HANDLING AND STORAGE

Storage Conditions

Keep material in shade and avoid freezing.

Handling Procedures.

Use Proper PPE's.

Monomer vapours can evaporate when material is subjected to heat during processing operations.

Additional Information regarding storage

Protect from frost.

Protect from heat and direct sunlight

Protect from atmospheric moisture and water

SECTION 8. EXPOSURE CONTROL. / PERSONAL PROTECTION

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General protective and hygiene measures

Take care for sufficient ventilation or exhaust on the workshop place.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Respiratory Protection.

Dust mask Protection

Use air purifying respirators.

Eye Protection

Use safety glasses with side shields.

Hand Protection.

Use suitable hand gloves against permeation. Chemically resistant neoprene type gloves should be used.

Engineering Controls.

Use local ventilators.

Other Protective Equipment.

Area where this material is stored and used should be equipped with an eyewash facility.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Milky white liquid
Polymer Type	: Acrylic/ Styrene
Total solids %	: 49-51
pH (10% solution)	: 8.0-10.0
Viscosity, B.F 3 & 20 RPM @30°C cps	: 2000-6000
Film Appearance	: Clear, Transparent
Surface	: Non Tacky
Flexibility	: Excellent

SECTION 10. STABILITY AND REACTIVITY

Instability

This material is stable, however on heating at high temperature polymer decomposes.

Hazardous decomposition Products - Acrylic monomer may come out on thermal decomposition.

Hazardous Polymerisation

Product will not polymerise.

Incompatibility

There are no known materials which could be incompatible with this product.

SECTION 11 TOXICOLOGICAL INFORMATION

Oral Mouse LD50=3000mg/kg

Oral Rabbit LD50=3200mg/kg , Oral Rat LD50=1980 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

General Information

There is no data available for this product.

Additional Information

Due to the high pH, aquatic organism may be harmed. Do not allow to enter waste water Drain, waterways or soil. Once cured, the product is to have any adverse effect on the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Coagulate the emulsion by the stepwise addition of Alum, HCL & caustic lye. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate this material at a facility that complies with local, State and federal regulations.

SECTION 14. TRANSPORT INFORMATION

ADR / RID

Further Information : No dangerous goods.

IMO / IMDG

Further Information : No dangerous goods.

IATA / ICAO

Further Information : No dangerous goods.

SECTION 15. REGULATORY INFORMATION

Workplace Classification.

This product is non-hazardous.

SECTION 16. OTHER INFORMATION

Toxicity 1

Fire 0

Reactivity 0

Scale - 4 Extreme, 3=High, 2 = Moderate, 1 = slight, 0 = Insignificant.

The information contained in this safety Data sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current general sales conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.

ANUVI CHEMICALS LIMITED (AN ISO 9001: 2015 COMPANY)

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