



Additives

MSDS

ResiCor-002

Corrosion Inhibitor

For Films

(Date Issued: 01.02.17)

1. IDENTIFICATION OF THE PREPARATION

Product Name	RESICOR-002
Application	Used as anti-corrosion additive in polymers
Company Identification	NICHEM SOLUTIONS Plot No. A-408, Rd.No.28, Ramnagar, Wagle Estate, Thane (W)-400 604. Maharashtra, INDIA.
Contact Details	Telefax: +91-22-25821587/88 Email: info@nichechem.solutions Website: www.nichechem.solutions

2. COMPOSITION OF INGREDIENTS

Description	Contents	CAS No.	HS Code
Based on vegetable oil derivatives	Saturated Hydrocarbons	112-05-0	29159090

3. HAZARD IDENTIFICATION

Contact with Eyes: May cause irritation.

Contact with Skin: May cause irritation.

Ecological Hazards: Not persistent in soil or water, immobile in soil

4. FIRST AID MEASURES

General information: Bring affected persons out of danger area. Observe self-protection (body protection, eye protection, respiratory protection).

After skin contact: On skin contact, rinse thoroughly with water. Remove contaminated or saturated clothing immediately. If irritation persists, supply with medical care immediately. Keep warm in a comfortable position and cover with blanket.

After eye contact: With eye held open, thoroughly rinse immediately with plenty of water for at least 15 minutes. Remove contact lenses if easily possible. Seek medical attention if needed.

After swallowing: Have patient rinse out mouth with water. Drink plenty of salt water. Induce vomiting. Consult doctor immediately.

5. FIRE FIGHTING MEASURES

- Does not contain any inflammable substance, therefore, no special firefighting measures need to be followed.
- Wear full protective clothing including chemical protection suit.
- Prevent run-off water from entering drains.
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities.

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6. ACCIDENTAL RELEASE MEASURES

Experience on Humans

Effect on Skin: May cause irritation. Wash with plenty of water.

Effect on eyes: May cause irritation. Wash with plenty of water.

Effect on ingestion: Give stomach wash, if ingested

7. HANDLING AND STORAGE

HANDLING: Information for safe handling

Special care is required for handling of the product to prevent contamination. Protect from impurities. Never return spilt product to original container.

STORAGE CONDITION: Requirement to be met by storerooms and containers: Only use polyethylene material (HDPE) bottles/containers thoroughly covered with lid. Always close container tightly after removal of product.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

General Protective and hygienic measures

Protection of hands: Wear protective gloves made of PVC, neoprene or natural rubber.

Eye protection: Wear safety goggles.

Body protection: Change work clothes immediately if spilled with the product.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical Properties

Form Liquid

Colour Colorless- pale yellow

Odor Characteristic odor

Chemical Properties

Base Based on vegetable oil derivatives

Density 0.85 – 0.95 gm/cc

Flash Point 110 degree Celsius

Solubility Insoluble in water

Stability Stability at ambient temperature under normal conditions of use

10. STABILITY AND REACTIVITY

- Stable at Room Temperature
- It is not affected by atmospheric oxygen
- **Conditions to be avoided:** None
- **Substances to be avoided:** None
- **Reactivity:** The product is inert to most acids.
- **Solubility:** It is insoluble in water in all proportions

11. TOXICOLOGICAL INFORMATION

Chronic Toxicity has not been demonstrated by **Vegetable Oil Derivatives**.

They are not listed as a carcinogen by MAK, IARC, NTP, OSHA, and ACGIH.

Carcinogenicity: No evidence of carcinogenic effects

Teratogenicity: No evidence of teratogenic effects

Mutagenicity: No evidence of mutagenic effects

The LD50 value (Oral: Rat & Mice) is 10080 mg/kg body weight.

12. ECOLOGICAL INFORMATION

Eco-toxicity: None

Mobility: Insoluble in water in all proportions

Persistence and Biodegradability: None

Risk of bioaccumulation: None

Other adverse effects: None

13. DISPOSAL CONSIDERATIONS

Recommendation: Product

Cannot be disposed off in the environment. Local legal regulations and permission by the responsible local legal authority are required for safe disposal of the product. Please comply with them.

Unclean packaging:

Rinse empty containers with water prior to disposal. Take decontaminated packaging to local recycling centre

14. TRANSPORT INFORMATION

Product is safe for transport by Roadways, Airways or Waterways. No special precautions need to be taken for the product with adequate packing in plastic bottles/containers – as mentioned in Section 7.

Not classified as dangerous for transport as per IATA guidelines

Classification : Not classified under IATA

15. REGULATORY INFORMATION

Labeling of substances in line with EC Directive 67/546/EEC and amendment.

Risk phrases: None

Safety phrases:

- S2 - Keep out of reach of children
- S7 - Keep container tightly closed
- S25 - Avoid contact with eyes
- S28 - After contact with skin, wash immediately with plenty of water
- S36/37/39 - Wear suitable protective clothing, gloves, eye/face protection
- S45/46 - If swallowed or in case of accident or if you feel unwell, seek medical advice immediately (show the label if possible)

16. OTHER INFORMATION

Disclaimer: NICHEM SOLUTIONS has internally & externally verified the effectiveness & efficacy of its products by a standard protocol. We expect to reproduce the same results at customer's end by adopting same protocol. We take responsibility for the uniform quality of our products. However, NICHEM SOLUTIONS will not be responsible for any consequential liability of any nature for whatsoever reason.

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