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(An ISO 9001:2015 Certified Company)**

MATERIAL SAFETY DATA SHEET

ANTI SCALANT

1. PRODUCT & COMPANY INFORMATION

Product Name: Antiscalant.
Company Information: Taesung Auto Ind Pvt Ltd
Prepared Date: 23.10.2010
Revision Date: 08.05.2026
Emergency Contact: 9600172742

2. CHEMICAL COMPOSITION

Proprietary blend of Organophosphonates and Polymers.

3. HAZARDOUS IDENTIFICATION

The product contains hazardous ingredients like acid and acidic salts. The product is corrosive in nature.

4. FIRST AID MEASURES

- Direct contact with human parts like eyes, skin should be avoided
- Ingestion/Inhalation of the product should be avoided
- In case of accidental contact with human parts, wash the affected part with plenty of fresh water and seek immediate medical attention
- Do not induce vomiting. Give water to drink

5. FIRE FIGHTING MEASURES

- The product has no fire hazards. Does not auto ignite.

6. ACCIDENTAL RELEASE MEASURES

- Small Liquid Spills: Contain with absorbent material like clay, soil or any commercial absorbent. Shovel reclaimed liquid and absorbent into recovery/salvage drums for disposal.
- Large Liquid Spills: Stop to prevent spread of liquid and reclaim into recovery/salvage drums or tank truck for disposal.
- Large Indoor Spills: Evacuate the floor personnel and ventilate the area. Those attending to recovery and disposal must wear all personal protection equipment.
- Disposal: As a hazardous waste material, the product must be solidified before disposal in a landfill. All local, state and federal regulations shall apply for safe disposal of waste.

7. HANDLING & STORAGE

- The product should be stored in a cool, dry place, away from direct Sunlight, sources of moisture/heat and strong acids/alkalis and other oxidising agents.
- While handling the material, it is mandatory to wear all personal protection gears as detailed subsequently.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- All personal protection gears like safety shoes, goggles, hand gloves, face masks and apron should be worn by the personnel who handle the product.
- The work area must be equipped with showers, eyewash in close proximity in case of accidental contact with human parts.
- In case of accidental contact with any human part, the affected part must be washed with plenty of fresh water and immediate medical attention must be sought.

9. PHYSICAL & CHEMICAL PROPERTIES

Form: Clear, Colourless to Pale Yellow Liquid

pH: < 3.0

Specific Gravity @ 25⁰C: 1.10 +/- 0.05

Solubility in water: Highly Soluble

Freezing Point: (-) 20⁰C

Flash Point: None

These properties are typical for the product.

10. STABILITY & REACTIVITY

- The product is stable under normal storage conditions and does not undergo decomposition
- Incompatibility: Avoid direct contact with materials like Ammonia and its solutions, Carbonates, Strong Alkalis, Cyanides, Sulfides, Chlorites and Hypochlorites, which can generate heat along with toxic fumes.
- Avoid contact with Aluminum. Corrosive to Aluminum.
- Thermal Decomposition: In the event of combustion, gases like CO, CO₂ will be released. Do not breathe the smoke or fumes. Wear protective masks.

11. TOXICOLOGICAL INFORMATION

- No adverse effect on Aquatic systems,
- No toxic effect on Marine life
- Toxicity Rating: Slightly Toxic

12. ECOLOGICAL INFORMATION

- The product does not have any adverse impact on the ecological system

13. DISPOSAL

- The product should be disposed off in strict compliance with all local, state and federal regulations, applicable from time to time

14. TRANSPORT INFORMATION

- Drums should be labelled with appropriate Safety Labels

15. REGULATORY INFORMATION

The product conforms to all applicable local, state and federal regulatory statutes

16. OTHER INFORMATION

This Material Safety Data Sheet provides health, safety information. The product is to be used in accordance with our product application guidelines. Individuals handling the product must be informed of the recommended safety procedures and should have access to this information. Manufacturer or their authorised technical representatives shall be consulted for any special assistance.