

Safety Data Sheet
A-124 Water Resistance Agent

EU Regulation 1907/2006/EC as amended

Section – 1: Identification of the Substance / Mixture and of the Company undertaking

- **Product Identifier**

Trade Name: A-124 Water Resistance Agent

- Relevant Identified uses of the Substance or Mix and uses advices against

- Details of the Supplier of the Thrive Chemtech LLP.

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Section – 2: Hazards identifications

- Classification of the Substance or Mix

Classification (Regulation (EC) No. 1272/2018)

Not a Hazardous Substance or Mix

- Other Hazards

None Known

Section – 3: Composition, Information on Ingredients

- Mixtures

Hazardous Components

- Chemical Name : A-124
- CAS Number : Trade Secret
- Classification : H412, Class 3

Section – 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 breathed in, move the people into fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
- **In Case of Skin Contact:** Remove contaminated clothing. If irritation develops, get medical attention. If on skin, rinse well with water. First aid is not normally required.

However, it is recommended that exposed area be cleaned by washing with soap and water. Wash contaminated clothing before re-use.

- **In Case of Eye Contact:** Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
- **If Swallowed:** Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
- **Most Important Symptoms and Effects, both Acute and Delayed.**
Symptoms: Signs and Symptoms of Exposure to the Material through Breathing, Swallowing, and/or passage of the material through the skin may include Stomach or Intestine Upset (Nausea, Vomiting, and Diarrhea) Irritation (Nose, Throat, Airways)
- **Indication of any Immediate Medical Attention and Special Treatment needed.**
Treatment: No hazards which require special first aid measures.

Section – 5: Firefighting Measures

- **Flammability:** Nonflammable

Section – 6: Accidental Release Measures

- **Personal Precautions, Protective Equipment and Emergency Procedures**
Personal Precautions: Use Personal Protective Equipment. The persons, not wearing protective equipment, should be excluded from area of spill until clean-up has been completed. Comply with all applicable federal, state, and local regulations.
- **Environmental Precautions**
Environmental Precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains, inform respective authority.
- **Methods and Material for Containment and Cleaning Up:**
Methods for Cleaning Up: Keep in suitable, closed containers for disposal.

Section – 7: Handling and Storage

- **Precautions for Safe Handling:** Do not breathe vapors / dust. Do not smoke. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Container hazardous when empty. Avoid exposure – obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area for personal protection (See Section – 8). Dispose of rinse water in accordance with local and national regulations.

- **Advice on Protection against Fire and Explosion:** Normal measures for preventive fire protection.
- **Hygiene Measures:** Wash hands before breaks and at the end of workday.
- **Conditions for Safe Storage, including any Incompatibilities:**
Requirements for Storage Areas and Containers:
 Keep Container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully released and kept upright to prevent leakage. Electrical Installations / Working Materials must comply with the Technological Safety Standards.
Other Data:
 No Decomposition if stored and applied as directed.
- **Specific End Use:** No Data Available.

Section – 8: Exposure Controls / Personal Protection:

- **Control Parameters:** Contains No Substances with Occupational Exposure Limit Values.
- **Exposure Controls:**
Engineering Measures: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure. If it is below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent, it affects adversely.
- **Personal Protection Equipment:**
Eye Protection: Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.
- **Hand Protection:**
Remarks: Butyl-rubber; the suitability for a specific workplace should be discussed with the producers of the protective gloves.
- **Skin and Body Protection:** Wear as appropriate. Impervious Clothing, Safety Shoes, Choose Body Protection according to the Amount and Concentration of the Dangerous Substance at the Work Place. Discard Gloves that Show Tears, Pinholes, or Signs of Wear.

Section – 9: Physical and Chemical Property

- **Appearance** : Milky White Liquid
- **Solid Content** : 20% + 1%
- **pH** : 2-4
- **Vapor Pressure** : Similar to Water
- **Storage:** Store at Room Temperature (4-30 °C; Indoor Cool Place) for 6 Months

Section – 10: Stability and Reactivity

- **Reactivity:** No Decompositions if Stored and applied as directed.
- **Chemical Stability:** Stable under recommended storage conditions.
- **Possibility of Hazardous Reactions:**
Hazardous Reactions: Product will not undergo hazardous conditions.
- **Conditions to be avoided:** Excessive Heat, Protect from Frost. Heat, Flames and Sparks
 Exposure to Moisture.
- **Incompatible Materials:**
Materials to be avoided:
 - Acids
 - Aluminum
 - Bases
 - Copper
 - Iron
 - Oxidizing Agents
- **Hazardous Decomposition Products:**
 Aldehydes, Carbon Monoxide, Carbon Dioxide (CO₂), Carboxylic Acids, Ammonia, Hydrogen Chloride, Nitrogen Oxides, Ammonia, Hydrogen Chloride Gas, Nitrogen Oxides.

Section – 11: Toxicological Information

- **Acute Toxicity:**
 LD50 ≥ 10,000 Mg/Kg (LD50, Test Animals: Mice, Oral)
 LD50 ≥ 10,000 Mg/Kg (LD50, Test Animals: Rabbit, Skin)
- **Carcinogenic Data:**
 Carcinogens are not included in the National Toxicology Regulations (NTR) and Occupational Safety and Health Administration (OSHA) is not designated as a Carcinogen. The International Research Organization for Cancer (IARC) has not been evaluated.

Section – 12: Ecological Information

- **Mobility:** No relevant information
- **Persistence / Degradability:** Good Biodegradability

Section – 13: Disposal Considerations

- **Waste Disposal Method:** Empty packaging recycling, if used for other ways, need to be cleaned, the content of A-124 added to the residue in the white water is very low, and the discharged white water can be treated according to the conventional white water.
- **Waste Considerations:** Dispose of according to local and national regulations.

Section – 14: Transport Information

- **Classifications and Numbering of Hazards:** Not classified as Dangerous Goods in Transport Regulations
- **Packing Category:** 200 Kg, 1000 Kg Polyethylene lined; Polyethylene Plastic Barrel filling
- **UN Number:** Not Dangerous Goods
- **UN_DG:** Not Dangerous Goods
- **International Maritime:** Not Dangerous Goods
- **Air Transportation Association Cargo:** Not Dangerous Goods
- **Air Transportation Association Passenger:** Not Dangerous Goods

Section – 15: Regulatory Information

- It is implemented in accordance with the Chemical Safety Management Law, the Regulations of the Safe Use of Chemicals in the Workplace, and the Environmental Protection Law.

Section – 16: Other Information

- **Further Information:**
Revision Date: 26.01.2019
- **Full Text of H-Statements:**
H412: Harmful to aquatic life with long lasting effects
- **Full Text of Other Abbreviations**
Aquatic Chronic: Chronic Aquatic Toxicity

(Further Information)

The information given here is based on our current knowledge and experience. The purpose of the Safety Sheet is to describe the product in terms of their safety requirements. The data does not signify any warranty with regards to the products properties.