Maxirodent AR 3303™
- Toxic Free Anti-Rodent/Vermin Masterbatches

Matermitan AT 3300™
- Toxic Free Anti-Termite/Insect Masterbatches

Maxicombi AR 3303™ / AT 3300™
- Toxic free Anti-Termite cum Anti-Rodent Masterbatches.
ABOUT US

Our Group has been involved in specialty engineering plastic compounding and distribution in Singapore since 2002 and exporting products globally. Driven by a team of energetic workforce, we push ourselves forward at all times to keep abreast of the latest happenings and development in the growing industry. We pave the way to meet the needs of each individual customer, knowing very well that everyone has its unique and special needs at different stages of development. Through our commitment and practices, we aspire to be affirmed as the model of global supplier that provides sustained enhanced services yet never compromising in quality.

VISION AND STRATEGY

Purpose To be a listening ear to our esteemed customers, meeting their every need.

Vision To lead the way in reshaping the global chemical industry and develop a model of chemistry that will continue to drive value creation and profitable growth.

Mission Statement To build long term relationships with our esteemed customers and provide exceptional customer services by pursuing business through innovation and advanced technology.

Core Values We believe in treating our esteemed customers with respect and faith. We grow through creativity, invention and innovation. We integrate honesty, integrity and business ethics into all aspects of our business functionality.

Goals We aspire to be the regional leaders in expanding our expertise in the field of chemical engineering and building a strong relationship with our customer base. Increase the assets and investments of the Company to support the development of services. To be partners of growth with our esteemed customers and be their catalyst in optimizing their potential.
A sustainable environmental friendly non-toxic, non-hazardous, non-dangerous masterbatches used as termite and rodent control in various sectors particularly in wire cable, gas pipes, netting and film application. Conventional methods using various types of pesticides or lead naphthanate poses high risks in our ecological systems and does not prevent the attacks from recurring. It is therefore strongly discouraged from using it. Products such as Anti-termite of type Aldrin/Dieldrin/Heptachlor/Copper Naphthenic/Bifenthrin (or others classified as organochlorins) are not acceptable and widely banned in most developed countries. As a result, our Company has adopted the most advanced technology in the production process, taking into consideration to protect the environment against any possible threat to the wildlife and its surroundings.
**Features & Efficacy**

**MAXIRODENT AR 3303™**
contains bitter odour emitting chemicals & very bitter compounds that are disliked by rodents. Produced into cylindrical pellets, they are light yellow pastel in colour and each measuring around 2-3mm. The dispersion in large surface areas will not affect the original physical or mechanical polymer properties.

**MAXIRODENT AR 3303™**
emits a bitter odour which repels the rodents instead of killing them. Cable in particular in PVC sheathing and pipes are attractive to rodent due to the compound formulation containing certain additives. An alternative method has to be used to discourage their foraging and we now have the best solution.

**MATERMITAN AR 3300™**
contains proprietary chemicals that are disliked by termites after having indigestion. Produced into cylindrical pellets, they are light cream in colour and each measuring around 2-3mm. The dispersion in large surface areas will not affect the original physical or mechanical polymer properties.

**MATERMITAN AR 3300™**
repels the termites instead of killing them. As the damp conditions around pipes and cables provide termites the ideal place for building nests and breeding, an alternative method has to be used to discourage their colonies in staying put.

**MAXICOMBI AR3303™ /AT 3300™**
is a specially blended termite cum rodent repellent which provide maximum protection where more severe requirements are requested. It allows flexibility and lowest loading possible to ensure maximising performance synergizing with other polymers in particular Sioplas crosslinking FR XLPE, XL HFFR, XL EPDM/EPR compound where the integrity and processing cannot be compromised.
Outstanding Features:

1. Non-Toxic and Lead Free
   Non-toxic, lead and heavy metal free active components make it safe to handle during manufacturing and installation by personnel having Lethal Dose LD50 (rat – oral) rating greater than 5000mg/kg. It is ROHS compliant as per EU Directive 2002/95/EC.

2. Easy Dosing of Application and Handling
   The application of the Termite/Rodent repellents are based on recommended addition rate (%) for highest performance without exceeding hazardous limit. The product shall be supplied in free flowing granules and can be readily handled using available commercial equipments.

3. Electrically Neutral
   Will not affect cable dielectric properties insulation. Easily incorporated into the cable manufacturing process and compatible with a wide range of jacketing compounds, thermoplastic or thermoset.

4. No Water Soluble
   Less than one part-per-billion water solubility of the active ingredient signifies no concerns with installations in areas of high soil moisture. Will not leach into the water table with water solubility rating less than 0.01mg/L at 25°C.

EC FRIENDLY
High Soil Binding Coefficient
Active ingredients that migrate from the cable jacket binds firmly to soil organic compounds extending the protective repellence barrier. The additives having soil absorption constant Log Koc is greater than 3.0.

Thermal Stability and Halogen free
Efficacy unaffected by temperatures exceeding 200°C and does not cause any release of harmful gas at elevated temperature. It is halogen free and ROHS compliant without releasing harmful toxic fumes in burning test particularly HFFR and XL HFFR application accordance to compliance IEC 60754-2, smoke density test BS EN 61034-2-1 and Toxicity Index NES 715, CEI EN 50305 : 2003 part 9.2, IEC 50267-2, etc.

Soil Stability
The compound additives will not degrade in a wide variety of soil acidity or alkalinity conditions. It has high biodegradability rating with Octanol-Water Partition constant Log Kow not exceeding 6.5.

Available in customised specification and no modification of process required.
Providing custom MFI required by customer for various applications such as film and technical extrusion profiles. Customers do not need special equipment in handling such additives.
Application:

MAXIRODENT AR 3303™
MATERMITAN AT 3300™
MAXICOMBI
AR 3303 / AT 3300™

1. Wire and Cable industries particularly for power control, telecommunication cables, etc. used in industries such as underground cable, solar cable, power plant, on-shore chemical plant, on-shore Oil and Gas plant, shipboard and railway, housing wire for high-rise buildings.


3. Gas pipes.

4. Automotive special wire harness where some special case of anti-spider requirements.

5. Bedding and carpets

6. Special Films application.

7. Special Packaging for Agricultural Film.
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