



DAI A INDUSTRY

DAI A INDUSTRY JOINT STOCK COMPANY

Factory: Luong Son Industrial Zone, Hoa Binh Province, Vietnam

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MATERIAL SAFETY DATA SHEET

1. Chemical Product and Company Identification

Product Name	PROCESSING AID MASTERBATCH
Product Code	IM-PPA15
Product utilizable	Use as processing aid masterbatch for plastic processing such as extrusion, blowing film, injection molding
Manufacturer's Name and Contact Details	Dai A Industry Joint Stock Company Plant: Luong Son Industrial Zone, Luong Son District, Hoa Binh Province, Vietnam Tel: +84.24.32006580 Fax: +84.24.32006581

2. Composition / Information on Ingredients

Composition of Material	Ingredient	CAS No	Approximate Concentration (% w/w)
	Polyethylene	9002-88-4	98.5
	Processing Aid Additive	9011-17-0	1.5
Hazardous Ingredients its concentration		This is product does not contain any hazardous ingredients	

3. Hazards Identification

Hazards of product	This product does not pose any special hazards. It is not classified as dangerous.
If Applicable, Health hazards	Not Applicable
Environmental	Not Applicable

4. First Aid measures

On accidental over- exposure	Dealing solution
Eye contact	Rinse immediately with water. Seek medical advice
Skin contact	Take of contaminated clothing. Wash with water and soap.
Inhalation	Move to fresh air. If you feel unwell, seek medical advice
Ingestion	Rinse mouth. Seek medical advice

5. Fire Fighting Measures

Extinguishing Media- Recommended	Avoid high-temp zone and electric spark
Special precautions	Don't release contaminated water into drains or surface water
Special protective equipment	Self contained breathing apparatus recommended

6. Accidental release measures

Procedures for dealing with a release or a spill	Take up mechanically and collect in suitable container. Dispose according to local regulations. Do not release in sewers or soil or surface water.
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7. Handling and Storage

Handling	Handle according to good industrial practice. Avoid dust formation, spillage.
Storage	Store in close containers in a dry, cool and ventilated place. Keep away from strong oxidizing agent, and sources of ignition.

8. Exposure Controls/Personal Protection

Workplace Hygiene	Follow good industrial hygiene practice
Skin protection:	Wear impermeable gloves and suitable protective clothing.
Hand Protection	Suitable gloves recommended
Eye Protection	Wear Goggles

9. Physical and Chemical Property

Appearance	White pellets
Odour	Odourless
Physical State	Solid
Vapour pressure/Reference temperature	Not applicable
Boiling point	Not applicable
Melting point	130 deg.C
Melt flow rate (190°C/2.16kg)	20 g/10 mins
Evaporation rate	Not applicable
Viscosity	Not applicable
Solubility in water	Insoluble
Flammability	Not explosive
Explosive properties	Not explosive

10. Stability and Reactivity

Conditions to avoid	Avoid exposure to naked flames or high temperature
Material to avoid	Avoid contact with strong oxidizing agents

Hazardous decomposition product	Thermal decomposition may release Carbon Dioxide/mono-oxide or oxides of Nitrogen.
Hazardous polymerize	Does not polymerize

11. Toxicological Information

Effect of short-term Exposure	
Acute Oral Toxicity	No data available
Acute Dermal Toxicity	No data available
Acute Inhalation Toxicity	No data available
Effects of Long-term Exposure	
Irritancy	Non-irritating
Sensitization	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
Teratogenicity	No data available
Mutagenicity	No data available
Name of toxicological synergistic product	No data available

12. Ecological Considerations

Ecological Information	Release into the environment is to be avoided. The product is not soluble in water
Ecotoxicity data	No data is available on toxicity to aquatic life or other micro organisms

13. Disposal Considerations

Waste/Unused product	Burn or dispose according to local regulations
Contaminated packaging	Contaminated packaging should be treated like the product.

14. Transport Information

Shipping Information	
Rail-road Transport	UN No.- Free
Air Transport	UN No.- Free; IATA Class - Free
Sea Transport	UN No.- Free; IMDG Class - Free

15. Regulatory Information

Regulatory Information	This is product is suitable for food contacting use
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16. Other Information

Hazardous Material Information System	Health: 0; Fire Hazard: 0; Reactivity: 0
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