

# SAFETY DATA SHEET

FILE NO.001

NAME OF PRODUCT

## IN-GROUND STATION & CONTAINER (IG-X).

MSDS DATE: 01/04/23

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product Identifier

Product name	IN-GROUND STATION AND CONTAINER (IG-X)
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#### 1.2 Details of the manufacturer

Registered company name	X Way Sdn. Bhd.
Address	31, JALAN 9/118B, DESA TUN RAZAK, 56000 KUALA LUMPUR
Telephone	+603 – 9174 7436 / 7468
Website	www.xway.com.my
Email	sales@xway.com.my

### SECTION 2: HAZARDS IDENTIFICATION

This material is not classified as hazardous material according to UN GHS criteria.

#### 2.1 GHS classification

Physical : No classification

Health : No classification

Environmenta : No classification

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#### 2.2 GHS label elements

Pictograms:



Signal word: Warning

Hazard statement: - Spilled pellet may create slippery hazard on hard surface  
- Molten plastic can cause severe thermal burn if contacted with skin  
- Dust from the product may form combustible dust concentrations in air during processing or handling

Precautionary statement: - Wear suitable and proper personal protective equipment (PPE) when necessary  
- Avoid with strong oxidizing agents  
- Always maintain good housekeeping to avoid potential slippery hazard

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Not a hazardous substance according to EC directives 1272/2008/EC and Globally Harmonized System of Classification and Labeling of Chemicals (GHS) unless indicated.

Chemical Name	CAS #	Concentration, wt.%
Propylene homopolymer	9003 – 07 – 0	>99%
Additives	-	<1%

NOTE: The product may contain varying levels of additives such as antioxidants and stabilizers.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

Eye contact	If this product comes in contact with eyes; Wash out immediately with water If irritation persist, seek medical attention
Skin contact	In case of contact with molten resin:  Immediately apply cold water until cooled. DO NOT attempt to remove the molten resin from the skin. DO NOT pull away clothing which has adhered to the skin as this can cause further injury. Get immediate medical attention.
Inhalation	In case of accidental inhalation of fumes from overheating or combustion quickly move to open area with fresh air available. If symptoms persist, please call doctor.
Ingestion	First aid is not generally required. If in doubt, seek the advice from medical personnel.

### SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1 Flash point

Estimated > 329°C (624.2°F)

#### 5.2 Extinguishing media

Appropriate extinguishing media such as foam, dry chemical powder and carbon dioxide (CO<sub>2</sub>) or water spray to extinguish flames.

#### 5.3 Inappropriate extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

#### 5.4 Special hazards arising from the chemical fire hazard

- May be combustible at high temperature.
- May form combustible dust concentrations in air.
- Vapors generated from overheating/melting/decomposition may be flammable and may cause fire/explosion if source of ignition is present.

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### 5.5 Advice for firefighters

Protective equipment	Wear self-contained breathing apparatus, protective firefighting clothes and protective gloves.
Special firefighting procedures	Standard procedures for class A fires
Unusual fire / explosion hazard	None
Stability consideration	Stable
Hazardous decomposition products in case of fire	Carbon oxides (CO, CO <sub>2</sub> ) Aldehydes Ketones Hydrocarbons Dense black smoke and soot

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill and leak	Sweep up spilled material for use or disposal. Good housekeeping must be maintained to avoid potential slippery hazard
Environmental precautions	Prevent from entering drains or sewers

### SECTION 7: HANDLING AND STORAGE

Handling	Handle in accordance with proper safety practices. Ensure good ventilation / exhaustion at the workplace Any unavoidable deposit of dust must be regularly removed. Keep away from sparks and open fire. Electrostatic charge may build up during handling hence the equipment should be grounded and bonded.
Storage	Keep in dry conditions at temperatures below 60°C (140°F) and protected from UV light.

### SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

#### 8.1 Control parameters

Exposure limits	None establish.
Engineering controls	Provide adequate ventilation Extruder should be properly vented



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Eye / face protection	Use safety glasses / goggles
Skin and body protection	Wear suitable protecting clothes with long sleeved is recommended
Hand protection	Wear heat resistance protective gloves when necessary.
Respiratory protection	Wear suitable protecting clothes with long sleeved is recommended Normally no respiratory protection is required. In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures	Always maintain good personal hygiene practice such as wash hand after handling the material and before eating, drinking or smoking.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Appearance

Form	Pellets
Physical state	Solid
Color	Translucent to white
Odor	Mild to no odor

#### 9.2 Safety data

Flash point	> 329°C (500°F) estimated
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Auto-ignition temperature	> 357°C (674.6°F) estimated
Boiling point	Not applicable
Freezing point	Not applicable
Vapor pressure @ 20°C (68°F)	Not applicable
Vapor density	Not applicable
% volatile (vol.)	< 0.4
Melting point	> 160°C (248°F)
Solubility in water	Negligible
Specific gravity	0.88 to 0.92
pH	Not applicable
Evaporation rate	Not applicable
Kinematic viscosity	Not applicable
Explosive properties	Not applicable
Oxidizing properties	Not applicable

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### SECTION 10: STABILITY AND REACTIVITY

Reactivity	No dangerous reaction under normal condition
Stability	Stable
Conditions to avoid	Temperatures above 357°C (674.6°F) Open flame
Materials to avoid	Strong oxidizing agents
Decomposition products	Carbon dioxide, carbon monoxide and organic vapors
Hazardous polymerization	Will not occur

### SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity to animal (Rat), LD50	Not applicable
Toxicity to animal (Rat), LC50	Not applicable
Skin irritation	No skin irritation
Eye irritation	No eye irritation
Inhalation	Presumed not toxicity
Ingestion	Presumed not toxicity
Sensitization	Not expected to be a sensitizer
Carcinogenicity	Classified NONE by NTP and OSHA Group 3 (not classifiable for human) by IARC

### SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity	Not available
BOD5 and COD	Not available
Biodegradable / OECD	Not available
Mobility	Not available
Toxicity of the products of bio-degradation	Not available

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste disposal method

Incineration of waste material in a permitted facility in accordance to local, state, and federal regulation is the recommended disposal method. Land filling in a licensed facility in accordance to local, state and federal regulation is a suitable alternative.

This product is not listed in federal hazardous waste regulation 40CFR 261.33 paragraphs (a) or (f), i.e. chemical products that are considered hazardous if they become wastes. It does not exhibit any of the hazardous characteristics listed in 40 CFR 261 subpart C. State or local hazardous waste regulation may apply if different from the federal.

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### SECTION 14: TRANSPORT INFORMATION

DOT classification for bulk shipments (non-bulk shipments may differ)	Not a DOT controlled material (United States)
DOT proper shipping name	Not applicable
UN number	Not applicable
Packing group	Not applicable
USCG proper shipping name	Polyethylene
Marine pollutant	Not available
Hazardous substances reportable quantity	Not available
Special provisions for transport	Not applicable
TDG classification	Not controlled under TDS (Canada)
ADR/RID classification	Not controlled under ADR (Europe)
IMO/IMDG classification	Not controlled under IMDG
ICAO/IATA classification	Not regulated for air transport

### SECTION 15: REGULATORY INFORMATION

#### Global chemical inventory

United States (TSCA)	Listed
Europe (EINECS)	Listed
Canada (DSL)	Listed
Australia (AICS)	Listed
China (IECSC)	Listed
Japan (ENCS)	Listed
Korea (KECI)	Listed
New Zealand (NZIoC)	Listed
Philippines (PICCS)	Listed
Taiwan (ECS)	Listed

### SECTION 16: OTHER INFORMATION

This information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding environment, health and safety in conjunction with the product. They are not to be interpreted as a warranty for specific product characteristics.

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