Material Safety Data Sheet (MSDS)

Applicant:	IGO3D GmbH
Address:	Vahrenwalder Str. 315 a, 30179 Hannover
Product Name:	Maertz
Trade Mark:	ABS-Yellow
Model Number:	N/A
Series Model No.:	
Issue Date:	Jun. 03, 2024

1. Product and Company Identification

1.1 GHS Product identifier

Product name	Plastic wires

1.2 Recommended use of the chemical and restrictions on use

Recommended Use	no data available.

1.3 Details of the supplier of the material safety data sheet

Manufacturer:	IGO3D GmbH
Address:	Vahrenwalder Str. 315 a, 30179 Hannover
Postal Code	N/A
Phone	0511 8988870
FAX	N/A
E-mail	Sales@igo3d.com

2. Hazards Identification

2.1 Classification of the substance or mixture

Not classified

2.2 GHS label elements, including precautionary statements

Pictogram(s)	No symbol.
Signal word	No signal word.
Hazard statement(s)	none

Precautionary statement(s)

Prevention	none
Response	none
Storage	none
Disposal	none

2.3 Other hazards which do not result in classification

no data available.

3. Composition/information on ingredients

Chemical name	CAS number	EC number	Concentration
Polylactic acid	26023-30-3	-	100%

4. First Aid Measures

4.1 Description of necessary first-aid measures

If inhaled

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Fire Fighting Measures

5.1 Suitable extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Special hazards arising from the chemical

No data available

5.3 Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapours.Avoid contacting with skin and eye. Use personal protective equipment.Wear chemical impermeable gloves. Ensure adequate ventilation.Remove all sources of ignition. Evacuate personnel to safe areas.Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. Handling and Storage

7.1 Precautions for safe handling

Handling in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

No data available

Biological limit values

No data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

No data available

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	Yellow
Odour	Odorless

Important health, safety and environmental information

Melting point/ freezing point	130～180℃
Boiling point or initial boiling point and boiling range	no data available
Flammability	no data available
Lower and upper explosion limit / flammability limit	no data available
Flash point	no data available
Auto-ignition temperature	> 230°C
Decomposition temperature	no data available
PH	no data available
Kinematic viscosity	no data available
Solubility	no data available
Vapour pressure	0.0±1.0 mm Hg at 25°C
Density	1.2-1.3g/cm^3
Water solubility	Insoluble with water
Ignition temperature	no data available

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Oral	no data available
Inhalation	no data available
Dermal	no data available

Skin corrosion/irritation	no data available
Serious eye damage/irritation	no data available
Skin corrosion/irritation	no data available
Respiratory or skin sensitization	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	no data available
Reproductive toxicity	no data available
STOT-single exposure	no data available
STOT-repeated exposure	no data available
Aspiration hazard	no data available

12. Ecological Information

12.1 Toxicity

Toxicity to fish	no data available
Toxicity to daphnia and other aquatic invertebrates	no data available
Toxicity to algae	no data available
Toxicity to microorganisms	no data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Other adverse effects

No data available

13. Disposal Considerations

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. Transport Information

14.1 UN Number

ADR/RID	Not dangerous goods.
IMDG	Not dangerous goods.
IATA:	Not dangerous goods.

14.2 UN Proper Shipping Name

ADR/RID	unknown
IMDG	unknown
IATA:	unknown

14.3 Transport hazard class(es)

ADR/RID	Not dangerous goods.
IMDG	Not dangerous goods.
IATA:	Not dangerous goods.

14.4 Packing group, if applicable

ADR/RID	Not dangerous goods.
IMDG	Not dangerous goods.

IATA:	Not dangerous goods.

14.5 Environmental hazards

ADR/RID	No.
IMDG	No.
IATA:	No.

14.6 Special precautions for user

no data available **14.7 Transport in**

bulk according to Annex II of

MARPOL 73/78 and the IBC Code

no data available

15. Regulatory Information

Safety, health and environmental regulations specific for the product in question

European Inventory of Existing Commercial Chemical Substances (EINECS)	Not Listed.
EC Inventory	Not Listed.
United States Toxic Substances Control Act (TSCA) Inventory	Listed.
China Catalog of Hazardous chemicals 2015	Not Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Listed.
Vietnam National Chemical Inventory	Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)	Listed.
Korea Existing Chemicals List (KECL)	Listed.

16. Other Information

Abbreviations and acronyms

CAS: Chemical Abstracts Service
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
IMDG: International Maritime Dangerous Goods
IATA: International Air Transportation Association
TWA: Time Weighted Average
STEL: Short term exposure limit
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%

EC50: Effective Concentration 50%

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Photo of the sample

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