



## SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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### Isomelt

Revision 8  
Revision date 2024-08-14

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	Isomelt
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##### 1.3. Details of the supplier of the safety data sheet

Company	Omex Agriculture Ltd
Address	Bardney Airfield Tupholme Lincoln LN3 5TP United Kingdom
Web	www.omex.co.uk
Telephone	01526 396000
Fax	01526 396001
Email	enquire@omex.com
Email address of the competent person	Safety@omex.com

##### 1.4. Emergency telephone number

Emergency telephone number	+44 (0) 1553817500
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#### SECTION 2: Hazards identification

##### 2.2. Label elements

Hazard Statement	No Significant Hazard
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##### 2.3. Other hazards

Other hazards	None.
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#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

##### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sodium formate		141-53-7	205-488-0	01-2119486468-00	80 - 90%	

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

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## 4.1. Description of first aid measures

Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.
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## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

## 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Inhalation of vapour may cause shortness of breath. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water.
Skin contact	No sensitization effects reported. Wash with soap and water.
Ingestion	May cause irritation to mucous membranes.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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## 6.4. Reference to other sections

	Wear suitable protective clothing, gloves and eye/face protection.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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## 7.3. Specific end use(s)

	The product is classified as non hazardous.
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## Suitable packaging

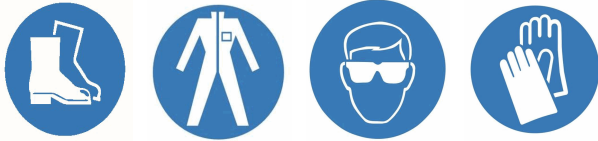
	Plastic containers.
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## SECTION 8: Exposure controls/personal protection

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## 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear: Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Solid/Granules.
Colour	White/Light blue
Odour	Mild/Characteristic
Vapour pressure	Not applicable.
Initial boiling point	411 °C
pH	No data available
Relative Vapour Density	Not applicable.
Melting point	253 °C
Evaporation rate	Not applicable.
Flash point	No data available
Density / Relative Density	0.96 - 1 g/cm3
Flammability (solid, gas)	No data available
Odour threshold	Not applicable.
Solubility	Soluble in water
Autoignition temperature	No data available
Explosive properties	No data available
Oxidising properties	No data available
Partition coefficient (P)	No data available
Viscosity	No data available
Freezing Point	No data available
Fat Solubility	No data available

## 9.2. Other information

Gas group	Not applicable.
VOC (Volatile organic compounds)	Not applicable.
Benzene Content	Not applicable.
Lead content	Not applicable.
Specific gravity	0.98 g/cm <sup>3</sup>
Conductivity	No data available
Surface tension	No data available

## Water solubility

	Soluble in water.
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

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## 10.1. Reactivity

Avoid contact with: Strong bases.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No data is available on this product.

## 10.4. Conditions to avoid

Burning produces obnoxious and irritating fumes.

## 10.5. Incompatible materials

Strong bases.

## 10.6. Hazardous decomposition products

No data is available on this product.

## SECTION 11: Toxicological information

## 11.1 Information on hazard classes

## Acute toxicity

No data is available on this product.

## 11.1.4. Toxicological Information

Isomelt	Dermal Rat LD50: >2000mg/kg	Oral Mouse LD50: 11200mg/kg
	Inhalation Rat LC50/4 h: 0.67ppm/4h	

## SECTION 12: Ecological information

## 12.1. Toxicity

No data available

No data is available on this product.

## 12.2. Persistence and degradability

Readily biodegradable.

## 12.3. Bioaccumulative potential

No data is available on this product.

## 12.4. Mobility in soil

Miscible in water.

## 12.5. Results of PBT and vPvB assessment

Caution - substance not yet fully tested.

## 12.6 Endocrine disrupting properties

May cause long-term adverse effects in the aquatic environment.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

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## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7 Maritime Transport in bulk according to IMO Instruments

The product is not classified as dangerous for carriage.

## Further information

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

## Regulations

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:  
15 - Regulations.

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.