



WEST BENGAL CHEMICAL INDUSTRIES LIMITED

145/1, Jessore Road, Lake Town,

Kolkata – 700 089, India.

Phone: +9133 4025 1700 Fax: +9133 2574 7410

Email: webcil@wbcil.com

Website: www.wbcil.com

Section 1 - Chemical Product and Company Identification

MSDS Name: Iron Isomaltoside

Product Code : IIM2525

Company Identification:

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Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt	Molecular Formula	Molecular Weight
Iron Isomaltoside (Injectable Grade)	1370654-58-2	100	$C_{18}H_{34}FeO_{16}^{+3}$	562.3 g/mol

Section 3 - Hazards Identification

APPEARANCE	:	Deep brown colored free flowing powder.
CAUTION	:	No information available
TARGET ORGANS	:	No information available
POTENTIAL HEALTH EFFECT (EYE, SKIN & INHALATION)	:	No information available
CHRONIC EXPOSURE	:	No known significant effects or critical hazards

Section 4 - First Aid Measures

EYES	:	Flush eyes with plenty of water and get medical aid.
INGESTION	:	May cause gastric irritation and other problems.
SKIN CONTACT	:	May cause irritation to skin.
NOTE TO PHYSICIAN	:	No information available.
ANTIDOTE	:	Not available.





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Section 5 - Fire-Fighting Measures

GENERAL INFORMATION	:	No information available.
EXTINGUISHING MEDIA	:	No information available.
AUTO IGNITION TEMPERATURE	:	No information available.
FLASH POINT	:	No information available.
N.E.P.A RATING	:	No information available.
EXPLOSION LIMITS, LOWER	:	No information available.
UPPER EXPLOSION LIMITS	:	No information available.

Section 6 - Accidental Release Measures

GENERAL INFORMATION	:	No information available.
SPIILLS/ LEAKS	:	Sweep up, then place into suitable container for disposal.

Section 7 - Handling and Storage

Handling	:	Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure.
Storage	:	Store in a tightly closed container in a dry, well ventilated place.





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Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

Not available.

Section 9 - Physical and Chemical Properties

Physical State/Appearance	:	Powder
Color	:	Brown to deep brown powder
Odor	:	No information available.
Solubility in Water	:	Highly soluble in water
Vapour Pressure at 35°C	:	Not available.
Vapour Density (Air = 1)	:	Not available.
Specific Gravity (Water = 1)	:	Not available.
Boiling Point/Range	:	Not available.
Melting /Freezing point	:	Not available.
Other information	:	Not available.





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Section 10 - Stability and Reactivity

Stability	:	The product is stable at normal conditions.
Instability Temperature	:	Not available
Conditions of Instability	:	Not available
Incompatibility with various substances	:	Not available
Disposal Considerations	:	Dispose in accordance with all applicable regulations or neutralize with water.

Section 11 - Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: No information available.

Section 12 - Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: No information available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13 - Disposal Considerations

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and regulations.





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Section 14 - Transport Information

DOT Classification : Not a DOT controlled material
Air transport Goods : Nonhazardous/non dangerous as per IATA DGR.
Special Provision for Transport : Not applicable
IATA Specification : Non-dangerous, non-hazardous

DOT (Pictograms)

AS PER IATA REGULATION SAFE FOR CARRAGE, NON-HAZARDOUS AND NON-RESTRICTED.

NO SPECIAL LABELLING OR TRANSPORT MEASURE HAVE BEEN IDENTIFIED.

THIS IS NOT REGULATED AS PER IATA REGULATION



Section 15 - Regulatory Information

US REGULATIONS :	
T.S.C.A INVENTORY STATUS	: No information available
T.S.C.A 12 (b) EXPORT NOTIFICATION	: No information available
S.A.R.A HAZARD CATEGORIES, S.A.R.A sections 311/312	
(40 CFR 370.21) Acute	: No information available
FRE	: No information available
REACTIVE	: No information available
SUDDEN RELEASE	: No information available
EUROPEAN REGULATIONS	: No information available.
ECNECS	: Not Assigned
OTHER INFORMATION	: No
CLEAN AIR ACT	: This material does not contain any hazardous air pollutants.
CLEAN WATER ACT	: None of the material in this product are listed as hazardous.
CWA	: None of the material in this product are listed as toxic pollutants under the CWA.





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Section 16 - Other Information

Disclaimer: This material safety data sheet is provided as an information resource only. WEST BENGAL CHEMICAL INDUSTRIES LIMITED believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.

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