



ECORRECT PRIVATE LIMITED

MATERIAL SAFETY DATA SHEET (MSDS)- ECWS01

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

1.1. Identification of the Product

Product Name : Bio Compostable Granules Blown film Grade (Water soluble)
Composition / Chemical Formula : See description
Product Grade : ECWS01
Chemical Family : Bioplastic made from starch and other biopolymers
Dangerous components : None

1.2. Description

These resins are being prepared from sustainable resources. These resources include biopolymer such as starch and other biopolymers. The resins are water soluble and water soluble bioplastic film can be prepared from it. The bioplastic films prepared from these resins are completely biodegradable in soil and in water.

1.3. Company Identification Company

Name : ECoRrect Private Limited
Address : B-137 Gardenvilla Society, Opp. GEB, Chhatral-Kadi highway, Kadi-382715, Gujarat
Factory Address : 62, Subhlaxmi Industrial Estate, village- Dhanot, Taluka- Kalol, Gandhinagar-382729, Gujarat
Contact number : + 91 8154899240

2. USE

The resins are intended to be used in the manufacturing of environmental friendly shopping bags, carrybags and garbage bags.

3. HAZARDS IDENTIFICATION

Not Applicable There is no hazardous warning for its components.



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4. FIRST AID MEASURES

Ingestion : Not ordinarily required.

Inhalation of degradation products during heating of product : supply fresh air.

Skin contact with molten product : remove contaminated clothes. Wash skin with soap and water. Do not remove solidified product from skin. Treat as for thermal burn. Seek medical assistance.

Eye contact : Flush with water if irritation occurred.

Note to physician : None/Treat symptomatically.

5. FIRE FIGHTING MEASURE

Does not present specific fire hazard, but will burn if ignited.

Flash point : not applicable

Explosion Limits (upper/Lower) : Not applicable.

Suitable extinguisher agents : use water fog, dry chemical or carbon dioxide, extinguishing powder or water spray. Larger fires can be fought with large water spray or alcohol resistant foam.

Combustion products : in case of fire carbon dioxide and water vapor are released.

Protective equipment : normal personal protective equipment (helmet, safety glass and safety shoes)

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up: shovel and sweep or use industrial vacuum cleaner as for pellets. Put into containers for reclaiming or disposal as permitted by applicable national, state and/or local regulations.

7. STORAGE AND HANDLING

1. Improper storage can initiate degradation that will affect the product's physical properties.
2. Containers or sacks should be kept tightly closed, when not in use.
3. Precautions for storage place : natural ventilation and dry place.
4. Avoid direct contact with water.



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8. EXPOSURE CONTROL AND PERSONAL PROTECTION

General ventilation : adequate ventilation and/or engineering controls must be employed in high temperature processing.

Protective clothing : not ordinarily required.

Eye protection : safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Transparent off white color

Stability : Stable

Solubility in Water : Soluble

Vapour pressure : Not applicable

Density (ASTM D1505) : 1.33 g/cm³

Melting Temperature : 140-170 °C.

Ash Content : Max. 1.0 %

Flammability : Not flammable

Percent Volatile by Volume : Nil

10. STABILITY AND REACTIVITY

Stability : Stable

Hazardous polymerization : Will not occur

Material to avoid : Strong oxidizing agents

Conditions to avoid : Direct contact with water

Hazardous decomposition products : Not applicable .

11. TOXICOLOGICAL INFORMATION

No Phthalates detected in our products by GCMS analysis method. No harmful chemicals added in the preparation.



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12. ECOLOGICAL INFORMATION

Environmental toxicity : The materials used in the preparation are mostly biopolymers. These biopolymers are non toxic to environment. On degradation of final products, these don't release any kind of toxic component.

Environmental effects in soil and water: when these material products are release into soil, this material is expected to biodegrade within three months by microorganism without any toxic residue.

Environmental effects in air : Not applicable.

13. DISPOSAL CONSIDERATION

This material will breakdown into carbon dioxide and water without any toxic residue. Whatever cannot be recycled like packaging, label, transport container can be disposed as per local regulations and good engineering practice.

14. TRANSPORTATION INFORMATION

This material is not hazardous to transport.

15. OTHER INFORMATION

Employers should use this information as basis and/or supplement to other information and data gathered and should make independent judgment of suitability of this information to ensure proper use and to protect the health and safety of employees and the environment. This information is furnished without warranty and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with an other product or process is the responsibility of the user.

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