

## Safety Data Sheet

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### 1. IDENTIFICATION OF THE MIXTURE AND SUPPLIER

**GHS Product Identifier:**

**Recommended use and restrictions:**

**Supplier Details:**

**Emergency Phone Number**

Blocks

Slow dissolve solid for use in the flowing areas of grease traps, lift stations, etc. Contains naturally occurring bacterial cultures used to digest waste and reduce obnoxious odors.

Agriment Services Inc.

220 Garfield Aveue

West Chester, PA 19380

United States of America

TEL: 252-568-2648

FAX: 252-56-2750

Chemtrec: 800-424-9300

### 2. HAZARDS IDENTIFICATION

<b>Physical hazards:</b>	Not classified
<b>Health Hazards:</b>	Acute toxicity, oral: CATEGORY 4. Acute toxicity, dermal: CATEGORY 4 Skin corrosion/irritation: CATEGORY 1B Serious eye damage/eye irritation: CATEGORY 1
<b>LABEL ELEMENTS:</b>	
<b>Signal Word:</b>	DANGER
<b>Symbols:</b>	EXCLAMATION MARK CORROSIVE
<b>Hazard Statements:</b>	Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage. Causes serious eye damage.
<b>PRECAUTIONARY STATEMENTS:</b>	
<b>Prevention:</b>	Do not breathe dust. Wash thoroughly after handling. To not eat drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response:</b>	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled. Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Take off contaminated clothing and wash before reuse.
<b>Storage:</b>	Store locked up.
<b>Disposal:</b>	Dispose of contents/.container in accordance with local/regional/national/international regulations.
<b>ENVIRONMENTAL HAZARDS:</b>	Hazardous to the aquatic environment, acute CATEGORY 3 hazard.
<b>HAZARDS NOT OTHERWISE CLASSIFIED:</b>	Harmful to aquatic life.

## ASI BioBlocks (all sizes)

### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous Ingredients	Concentration Range (%)	CAS number
Amides, Coco, N-(hydroxyethyl)	25-50	68140-00-1
Ethanol, 2-amino-	1-5	141-43-5

Other ingredients are non-hazardous with regard to OSHA/GHS guidelines.

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### 4. FIRST AID MEASURES

<b>Eye Contact:</b>	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
<b>Skin Contact:</b>	Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center/doctor. Chemical burns must be treated by a physician. Take off contaminated clothing and wash before reuse.
<b>Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist. □
<b>Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content does not enter lungs. Immediately call a poison center/doctor.
<b>Most important symptoms/effects, acute and delayed:</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
<b>Indication of immediate medical attention and special treatment needed:</b>	Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call and ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
<b>General information:</b>	Ensure that medical personnel are aware of the materials involved, and take precautions to protect themselves. Show this SDS to the doctor in attendance.

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### 5. FIRE FIGHTING MEASURES

#### FIRE & EXPLOSION PREVENTIVE MEASURES

Isolate from alkalis, oxidizers, extreme heat, and open flame.

#### EXTINGUISHING MEDIA

In case of fire, use appropriate extinguishing agent for surrounding fires. Carbon dioxide, dry chemical powder, alcohol resistant foam.

#### UNSUITABLE EXTINGUISHING MEDIA

Do not use water jet as an extinguisher, as this will spread the fire.

#### SPECIAL FIRE FIGHTING PROCEDURES

Wear self-contained respirator and fully protective impervious suit. Use water spray to cool UNOPENED containers.

#### UNUSUAL EXPLOSION AND FIRE PROCEDURES

May emit hazardous fumes under fire conditions.

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### 6. ACCIDENTAL RELEASE MEASURES

## ASI BioBlocks (all sizes)

### SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel. For personal protection, see section 8.

### ENVIRONMENTAL PRECAUTIONS:

Avoid release into the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains at levels above recommended dosage rates.

### CONTAINMENT AND CLEAN-UP MEASURES:

Absorb spilled liquid with polypads or other suitable absorbent materials. If necessary, neutralize using suitable buffering material, (acid with soda ash or base with phosphoric acid), and test area with litmus paper to confirm neutralization. Clean up with non-combustible absorbent (such as: sand, soil, and so on). Shovel up and place all spill residue in suitable containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal (see Section 13 - Disposal Considerations).

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## 7. HANDLING AND STORAGE

### HANDLING:

Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment beyond recommended dosage rates/locations. Wash contaminated clothing prior to reuse. Observe good industrial hygiene practices.

### STORAGE

Store locked up. Store in original container. Store in a well-ventilated place. Store away from incompatible materials (See section 10 of SDS.)

### STORAGE TEMPERATURE:

15 – 30°C

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limits:

US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):		
Components	Type	Value
Ethanol, 2-amino (CAS 141-43-5)	PEL	6 mg/m <sup>3</sup> 3 ppm □
US ACGIH Threshold Limit Values:		
Components	Type	Value
Ethanol, 2-amino (CAS 141-43-5)	STEL TWA	6 mg/m <sup>3</sup> 3 ppm □
US NIOSH: Pocket Guide to Chemical Hazards:		
Components	Type	Value
Ethanol, 2-amino (CAS 141-43-5)	STEL TWA	15 mg/m <sup>3</sup> 6 ppm 8 mg/m <sup>3</sup> 3 ppm □

### BIOLOGICAL LIMIT VALUES:

No biological exposure limits noted for the ingredient.

## **ASI BioBlocks (all sizes)**

### **APPROPRIATE ENGINEERING CONTROLS:**

Good general ventilation (typically 10 air changes per hours) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, aor other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), Suitable respiratory protection must be worn. If material is ground, cut or used in any operation with may generate dusts, use appropriate local exhaust ventilation to keep exposures below th recommended exposure limits. Eye wash facilities and emergency shower must be available when handling this product.

### **INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:**

#### **RESPIRATORY PROTECTION:**

Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced..

#### **EYE PROTECTION:**

Wear goggles, safety glasses or a face shield when using this product.

#### **SKIN PROTECTION:**

Wear impervious gloves and protective clothing.

### **WORK & HYGIENIC PRACTICES:**

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Launder clothes that have become contaminated.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance (physical state, color, etc.):</b>	Green Solid Candle-like Object.
<b>Odor:</b>	Faint Chemical Odor
<b>Odor threshold:</b>	Not Available
<b>pH:</b>	8 – 10 (1% in water)
<b>Melting point/freezing point:</b>	145°F (63°C)
<b>Initial boiling point and boiling range:</b>	260°F (127°C)
<b>Flash point:</b>	Cleveland Open Cup, None to decomposition.
<b>Evaporation rate:</b>	Not Available.
<b>Flammability (solid, gas):</b>	Not Available.
<b>Upper/lower flammability or explosive limits:</b>	Not Available.
<b>Vapor pressure:</b>	Not Available.
<b>Vapor density:</b>	Not Available.
<b>Relative density:</b>	Not Available.
<b>Solubility(ies):</b>	Dispersible
<b>Partition coefficient: n-octanol/water:</b>	Not Available.
<b>Autoignition temperature:</b>	Not Available.
<b>Decomposition temperature:</b>	Not Available.

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## **10. STABILITY AND REACTIVITY**

### **STABILITY**

Stable under normal temperatures and pressures.

### **CONDITIONS TO AVOID**

Contact with incompatible materials.

## **ASI BioBlocks (all sizes)**

### **INCOMPATIBLE MATERIALS**

Strong oxidizing agents.

### **HAZARDOUS DECOMPOSITION PRODUCTS**

None known.

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## **11. TOXICOLOGICAL INFORMATION**

### **ACUTE HAZARDS**

#### **EYE & SKIN CONTACT:**

Causes serious eye damage. Causes severe skin burns. Harmful in contact with skin. Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.

#### **INHALATION:**

Dust may irritate respiratory system. Prolonged inhalation may be harmful.

#### **SWALLOWING:**

Causes digestive tract burns. Harmful if swallowed.

### **SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED**

#### **CONDITIONS AGGRAVATED:**

None Known.

### **CHRONIC HAZARDS**

#### **CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

Not available.

### **MAMMALIAN TOXICITY INFORMATION**

Not available.

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## **12. ECOLOGICAL INFORMATION**

Toxicity:	Not Available
Persistence and degradability:	Not Available
Bioaccumulative potential:	Not Available
Bioconcentration factor (BCF):	Not Available
Mobility in soil:	Not Available
PBT and vPvB assessment:	Not Available
Other adverse effects:	Not Available

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## **13. DISPOSAL CONSIDERATIONS**

### **DISPOSAL INSTRUCTIONS**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies beyond recommended applications and dosage rates. Dispose of contents/container in accordance with local/regional/national/international guidelines.

### **LOCAL DISPOSAL REGULATIONS**

### **ASI BioBlocks (all sizes)**

Dispose in accordance with all applicable regulations.

### **HAZARDOUS WASTE CODE**

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

### **WASTE FROM RESIDUES/UNUSED PRODUCTS**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (See disposal instructions).

### **CONTAMINATED PACKAGING**

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## **14. TRANSPORT INFORMATION**

DOT: Not Regulated as dangerous goods.

IATA: Not Regulated as dangerous goods.

IMDG: Not Regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IPC Code: Not established.

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## **15. REGULATORY INFORMATION**

### **United States:**

OSHA: Hazardous Chemical with regard to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substance Control Act (TSCA): Listed

TSCA Section 12(b) Export Notification (40CFR707, Subpt. D): Not regulated.

CERCLA Hazardous Substance List (40CFR302.4): Not listed.

SARA 304 Emergency release notification: Not regulated.

OSHA Specifically Regulated Substances (29CFR1910.1001-1050): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories:	Immediate Hazard:	Yes
	Delayed Hazard:	No
	Fire Hazard:	No
	Pressure Hazard:	No
	Reactivity Hazard:	No

Superfund Amendments and Reauthorization Act (SARA 302): Not listed

Superfund Amendments and Reauthorization Act (SARA 311/312): Not listed

Superfund Amendments and Reauthorization Act (SARA 313): Not listed

### **OTHER FEDERAL REGULATIONS:**

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40CFR68.130): Not regulated.

Safe Drinking Water Act (SDWA): Not regulated.

### **STATE REGULATIONS:**

US CALIFORNIA CONTROLLED SUBSTANCES: Not Listed

US MASSACHUSETTS RTK: Substance List (Ethanol, 2-amino)

US NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW ACT: Ethanol, 2-amino

US PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW LAW: Ethanol, 2-amino

US RHODE ISLAND RTK: Not regulated.

### **International:**

**Country(s) or Region**

**Inventory name**

**Listed (Y/N)\***

### **ASI BioBlocks (all sizes)**

Australia	Australian Inventory of Chemical Substances (AICS)	Y
Canada	Domestic Substances List (DSL)	Y
Canada	Non-Domestic Substances List (NDSL)	N
China	Inventory of Existing Chemical Substances in China (IECSC)	Y
Europe	European Inventory of Existing Commercial chemical Substances (EINECS)	Y
Europe	European List of Notified Chemical Substances (ELNICS)	N
Japan	Inventory of Existing and New Chemical Substances (ENCS)	N
Korea	Existing Chemicals List (ECL)	Y
New Zealand	New Zealand Inventory	Y
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Y
United States & Puerto Rico	Toxic Substances Control Act	Y

\*A "Y" Indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

A "N" Indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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## **16. OTHER INFORMATION**

### **HAZARD RATINGS:**

**HEALTH (NFPA): 3, HEALTH (HMIS): 3, FLAMMABILITY: 1, PHYSICAL HAZARD: 0**

**Date Prepared: 05/28/15 CD**

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This document is drafted based on the present state of our knowledge at the time of publication. It is given in good faith and neither implies nor expresses any warranty in regards to product quality or specification. The user must satisfy himself that the product is suitable for a given application.