



# MATERIAL SAFETY DATA SHEET

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Form #: STI-020

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## Section I. PRODUCT IDENTIFICATION

PRODUCT NAME: **ECODISCOVERIES® NURSERY**  
CAS NUMBER: Mixture  
CHEMICAL DESCRIPTION: Proprietary natural biobased neutral cleaner

## Section II. INGREDIENTS AND EXPOSURE LIMITS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>
Water (filtered)	7732-18-5	< 99.0 %	Not established	Not established
Alkyl polyglucosides (plant derived)	110615-47-9	< 2.0 %	Not established	Not established
Sodium citrate (naturally derived) USP	6132-04-3	< 0.5 %	Not established	Not established
Citric acid (naturally derived) USP	77-92-9	< 0.2 %	Not established	Not established

TLV-TWA = ACGIH Threshold Limit Value – Time Weighted Average

OSHA-PEL = OSHA Permissible Exposure Limit – Time Weighted Average

## Section III. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	212°F	SOLUBILITY IN WATER:	Complete
VAPOR PRESSURE (mm Hg):	17.5 @ 20°C	SPECIFIC GRAVITY:	1.00
VAPOR DENSITY (air=1):	17.3 @ 20°C	pH AS IS:	7.0 – 8.0
VOLATILE BY WEIGHT %:	95 - 99	FREEZING POINT:	32°F
VOLATILE ORGANIC COMP.:	None		
APPEARANCE AND ODOR:	Clear colorless liquid with a bland odor. No added fragrance.		

## Section IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None (Pensky Martens Closed Cup, ASTM D93)  
FLAMMABLE LIMITS IN AIR % BY VOLUME: Will not burn.  
EXTINGUISHING MEDIA: Foam, dry chemical, water spray (fog), or carbon dioxide.  
FIRE-FIGHTING INSTRUCTIONS: Fire fighters should wear a self-contained breathing apparatus.  
FIRE & EXPLOSION HAZARDS: Not considered to be a fire or an explosion hazard.

## Section V. REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal conditions of use and storage.  
CONDITIONS TO AVOID: Avoid strong oxidizers. Protect container against physical damage.  
INCOMPATIBILITY: Avoid strong oxidizers. Do not mix with bleach.  
DECOMPOSITION PRODUCTS: No information found.  
HAZARDOUS POLYMERIZATION: Will not occur.

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## Section VI. HEALTH HAZARD DATA

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HEALTH HAZARDS: Not expected to be a health hazard.

EYES: Not expected to cause irritation.

SKIN: Not expected to cause irritation.

INGESTION: May cause mild gastrointestinal irritation or possibly diarrhea.

INHALATION: Not expected to cause irritation.

CARCINOGENICITY: None of the materials in this product are on the IARC, OSHA, or NTP carcinogens lists.

### EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush eyes with plenty of low-pressure water. Get medical advice if irritation develops.

SKIN CONTACT: Wash exposed area with soap and water. Get medical advice if irritation develops.

INGESTION: If swallowed, DO NOT INDUCE VOMITING. Give 2 to 4 cupfuls of water to dilute. Get medical advice.

INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.

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## Section VII. PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: This product is readily biodegradable and ecologically harmless. For large spills pick up excess with absorbent material (vermiculite, dry sand, earth) and flush with water.

WASTE DISPOSAL: Small spills can be flushed to the sewer. For large spills deposit absorbent residue to a landfill.

HANDLING: Wearing latex gloves to protect the hands when handling any cleaner is a good idea.

STORAGE: Keep containers tightly closed in a cool, dry location when not in use.

Keep out of reach of children and pets.

TRANSPORTATION: Not regulated.

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## Section VIII. CONTROL MEASURES

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### PERSONAL PROTECTION EQUIPMENT:

EYE/FACE PROTECTION: None required under normal use.

SKIN PROTECTION: Wearing latex gloves to protect the hands when using any cleaners is a good idea.

RESPIRATORY PROTECTION: None required under normal use.

VENTILATION: None required.

OTHER CONTROL MEASURES: None

PERSONAL HYGIENE: Wash hands thoroughly with soap and water.

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## Section IX. SPECIAL PRECAUTIONS

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SPECIAL PRECAUTIONARY STATEMENTS: **Keep this product and all cleaners out of reach of children and pets.**

HMIS RATINGS: Health = 0 Flammability = 0 Reactivity = 0 Personal Protective Equipment = X

Hazard rating scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

X = Consult your supervisor or S. O. P. for special handling directions.

This MSDS meets the requirements specified in 29 CFR 1910.1200.

PREPARED BY: EcoDiscoveries Laboratory

MSDS REVISION SUMMARY: Replaces revision 004, 09/13/2013

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