

CASTOR OIL

CAS No. 8001-79-4

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. Standard must be consulted for specific requirements.

SECTION 1 – PRODUCT IDENTIFICATION

Manufacturer's Name: Arista Industries, Inc.	Emergency Telephone No.: (203) 761-1009
Address: 557 Danbury Rd	Other Information Calls: (203) 761-1009
City, State, & Zip: Wilton, CT 06897	Date Prepared/or Revised: March 5, 2007
Signature of Person Responsible for Preparation:	


SECTION 2 – COMPOSITION/INGREDIENT INFORMATION

NONE- Castor is not a hazardous material under current Dept. of Labor definitions

SECTION 3 – HAZARDOUS INGREDIENTS / IDENTITY

HAZARDOUS Component(s) & common name(s)					
Not a hazardous material under Department Drug and Cosmetic Act. Recognized as Safe (GRAS) under the Food, Drug and Cosmetic Act.					
The product does not belong to any list of substances supposedly hazardous to human or animal health according to EEC guidelines 67/548 and further amendments, nor to those having recognized exposure limits.					

SECTION 4 – FIRST AID MEASURES / HEALTH HAZARDS

Acute: None observed	Chronic: None Reported
Inhalation Health Risks And Symptoms of Exposure: N/A	
Skin Absorption Health Risks And Symptoms Of Exposure:	
Emergency and First Aid Procedures: Wash skin with soap and water. Flush eyes with water.	
ROUTES OF ENTRY 	Inhalation: N/a
	Skin Contact: May be removed from skin by washing with soap and warm water.

SECTION 5 – FIRE FIGHTING MEASURES - FIRE & EXPLOSION DATA

Flash Point: > 440° F	Method Used: Open Cup	° C
Extinguisher Media: CO2 or sand		

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Special Fire Fighting Procedures:	Avoid use of water as it may spread fire by dispersing Oil.
Unusual Fire and Explosion Hazards:	None

SECTION 6 ACCIDENT RELEASE MEASURES – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Confine with Sand or other inert media. Return to containers. Dispose in accordance with Local, State & Federal Regulations.
Waste Disposal Methods	Dispose of in accordance with federal, state, and local laws.

SECTION 7 – HANDLING & STORAGE

Precautions to be Taken in Handling and Storage: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. As with all Vegetable oils, rags, steel wool or waste soaked with Oil may spontaneously catch fire if improperly discarded. Immediately after use, place the Oil soaked material in a sealed water-filled container.

SECTION 8 – SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

Respiratory Protection: Not normally needed

Ventilation: Normal plant ventilation.

Protection Gloves: Rubber or Neoprene.

Eye Protection: Goggles to guard against Splashing

Being a non-toxic product no particular protection measures is needed. However, non-slippery shoes according to accident prevention rules should be used.

SECTION 9 – PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 440°F	Not Applicable	Specific Gravity (H₂O=1):	0.957 – 0.961	Percent Volatile by Volume:	0%
Solubility in Water:	Insoluble	Vapor Density:	Exceeds 1.0	Vapor Pressure (mm Hg):	Not Applicable
Appearance:	Very light, oily liquid	Odor:	odorless		
Evaporation Rate:	Not Applicable				

SECTION 10 – STABILITY AND REACTIVITY / PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable
Unstable

Stable, but spontaneous combustion can occur. See Fire Fighting Measures – Fires & Explosion Data Section 5, for Procedures.

Conditions to Avoid: Caustic Amines, Alkanolamines, Inorganic acids.

Hazardous Decomposition Or Products: None

Hazardous Polymerization: May Occur
Will Not Occur

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SECTION 11 – TOXICOLOGICAL INFORMATION

Vegetable Oil of natural origin, no toxic indication found.

SECTION 12 – ECOLOGICAL INFORMATION

To be used under normal good working procedures, avoid spilling in the environment

BIODECOMPOSIBILITY: >90% (OECD)

SECTION 13 – DISPOSAL CONSIDERATIONS

When possible recover spilled product. When product must be discarded, do so into an authorized dump or recycling service station. Act in accordance with local, state and national regulations.

SECTION 14 – TRANSPORT INFORMATION

Road and rail transport not restricted. Not a DOT controlled material (US)

SECTION 15 – REGULATORY INFORMATION

Not regulated - Not required

SECTION 16 – OTHER INFORMATION

HMIS # 1, 1, 0

NFPA # 0, 1, 0

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