# SAFETY DATA SHEET

### According to REACH, Regulation (EC) Nº 1907/2006 and amendments

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

	Product Name	FUNCTIONAL V-820
	Chemical Family	Bio-based Polymer
	Product Use	Thixotropic Lubricant Additive
	CAS Registry Number	Proprietary
	Revision Date	March 1, 2017
Manufacturer:	82 Ma Te Fa	unctional Products, Inc. 282 Bavaria Road acedonia, Ohio 44056, USA el (USA): + 1 330-963-3060 ax (USA): + 1 330-963-3322 mail: <u>SDS@functionalproducts.com</u>
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Emergency Ph United States: Europe France (ORFIL	+ :	330-963-3060 (8:00AM-5:00PM EST) 34 93 594 75 00 (08:00 -13:00 14:00-17:00) 33 (0)1 45 42 59 59

## Section 2: HAZARDS IDENTIFICATION

This material has no known hazards.

## 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

According to Regulation (EC) N<sup>0</sup> 1272/2008 [CLP] This is not a hazardous substance or mixture according Regulation (EC) No. 1272/2008. No need for classification according to GHS criteria for this product.

# According to Directive 67/548/EEC or 1999/45/EC

This is not a hazardous substance of mixture according to EC-directives 67/548/EEC or 1999/45/EC.

This material has no known hazards, if the regulations/notes for storage and handling are considered and followed.

# 2.2 LABEL ELEMENTS

## Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

According to Regulation (EC) Nº 1272/2008 [CLP]

The product does not require a hazard warning label in accordance with Regulation (EC) No. 1272/2008.

According to Directive 67/54//EEC or 1999/45/EC European Economic Community (EEC) Directives The product does not require a hazardous warning label in accordance with EEC Directives.

# 2.3 OTHER ELEMENTS

If it is applicable, information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

According to Regulation (EC) No. 1272/2008 [CLP] This material has no known hazards

Substance/Preparation	%(w/w)	CAS #
•	· · ·	
Bio-based Polymer	99%	Proprietary

# Section 4: FIRST-AID MEASURES

Inhalation:	If dust is inhaled, obtain medical attention.
Ingestion:	No specific intervention is indicated, as compound is not
	likely to be hazardous by ingestion. Get medical attention if
	necessary.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops.
Eye Contact:	In case of contact, immediately flush eyes with plenty of
	water for at least 15 minutes. Get medical attention if
	irritation occurs.

# Section 5: FIRE-FIGHTING MEASURES

Specific Hazards:	Not flammable but will burn. Combustion products
	may include carbon monoxide and carbon dioxide.
Extinguishing Media:	Water spray, foam, dry chemicals or CO2.
Protective Equipment:	Self-contained breathing apparatus and full turnout
	gear.

#### Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid generating dust.
Environmental Precautions:	None
Clean Up Methods:	Transfer to labeled, sealable container for subsequent recovery or disposal as required by local, state, federal, international or country specific regulations.
Protective Measures: Spill Management:	Wear appropriate PPE when responding to spills. Prevent entry into waterways, sewer or confined areas.

#### Section 7: HANDLING AND STORAGE

Handling:	Avoid generation of dust. Take precautionary measures
	against static discharges, earth/ground all equipment. Do
	not breathe dust. Use local exhaust over processing area.
Storage:	Keep dry in a cool, well-ventilated area.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Use with adequate ventilation.
Nuisance Dust TLV:	TWA (8 h) 10 mg/m3 if dust is generated.
Hands:	Use chemical resistant, impervious gloves.
Eyes:	Use safety glasses, goggles or face mask.
Clothing:	Standard issue work clothes.
Respiratory:	Use appropriate respiratory protection if there is any potential for uncontrolled release or exposure levels are not known.

#### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:
Color:
Odor:
Flash Point:
Specific Gravity:
Solubility:

Solid, Powder White Odorless None 0.9 Soluble in water

# Section 10: STABILITY AND REACTIVITY

Stability: Conditions to Avoid: The product is stable. Avoid contact with strong oxidizing agents. Avoid elevated temperatures in storage for prolonged periods of time. CO, CO2.

Hazardous Decomposition:

## Section 11: TOXICOLOGICAL INFORMATION

#### ACUTE EXPOSURE

Oral Toxicity:	No data available
Eye Irritation:	No data available
Skin Irritation:	No data available
Dermal Toxicity:	No data available
Inhalation Toxicity:	No data available

#### **CHRONIC EXPOSURE**

Chronic Toxicity:	No data available
Carcinogenicity:	No data available
Teratogenicity:	No data available
Reproductive Toxicity:	No data available

#### Section 12: ECOLOGICAL INFORMATION

Environmental Hazards:No data availableEnvironmental Fate:No data availableFish Toxicity:No data availableAlgae Toxicity:No data availableBacteria Toxicity:No data available

#### Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

#### Section 14: TRANSPORTATION INFORMATION

U.S DOT Bulk U.S. DOT Non-Bulk IMDG Code ICAO ADR/RID Hazard Class Not regulated. Not regulated. Not regulated. Not regulated. Not regulated.

## Section 15: REGULATORY INFORMATION

U.S. TSCA Inventory: Other TSCA Reg.: SARA EXT. HAZ. SUBS: SARA Section 313: CERCLA: CAL. PROP. 65:	Yes No No No No
Japan MITI: Australia:	Listed - MITI Listed - AICS
Europe:	Listed - EINECS
	Polymers are exempt from EINECS inventory under the polymer exemption.
China	Listed - IECSC
Canada	Listed - DSL
Korea New Zealand	WHMIS – not controlled. Listed - KECI Listed - NZIOC
Philippines	Listed - PICCS

#### **Section 16: OTHER INFORMATION**

NFPA Code:

Health: 0 Fire: 1 Reactivity: 0

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