

Spartan Chemical Company, Inc.
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product
Number:
or
Number
(as
it
appears
on
label):

**BIO-ASSIST
EXTRACTION
CLEANER**

Product
Number:
3110

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990

Medical Emergency: 1-(888)-314-6171 (24 hours)

Chemical Leak/Spil Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Cleaning compounds, liquid, n.o.s.			
NFPA Ratings:		HMIS Ratings:	
Health: 1- Slight		Health: 1- Slight	
Fire: 0 - Minimal		Fire: 0 - Minimal	
Reactivity: 0 - Minimal		Reactivity: 0 - Minimal	
		Pers. Prot. Equip.: B - Safety Glasses; gloves	

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency

Chemical Name(s)	% W	CAS Registry No.	Table Z- 1 - A			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Sodium 1-octanesulfonate	01-05	5324-84-5	Not Established	Not Established	Not Established	No
Viable bacterial cultures	NA	N/A	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point:	200 °F	Vapor Pressure:	18 mm Hg @ 75°F
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	8.0-9.0	Specific Gravity (H ₂ O=1):	1.025
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	7-8
Physical State:	Liquid		
Appearance & Odor:	Translucent green liquid with floral fragrance		

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	None	Method Used:	ASTM-D56
Flammable Limits:	Not Established	Flame Extension:	N/A
Extinguishing Media:	N/A		
Special Fire Fighting Procedures:	N/A		
Unusual Fire & Explosive Hazards:	N/A		

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes
Effects of Overexposure- Conditions to Avoid:	May cause eye and skin irritation. May be harmful if swallowed. Nausea, vomiting or diarrhea may result from ingestion. Mist may irritate nasal passages. Avoid contact with eyes, skin and open wounds. Do not swallow. Avoid breathing product mist.		
Conditions Aggravated by Use:	The bacterial cultures in this product may cause infection if they come in contact with open wounds; broken skin or mucous membranes. May affect people with asthma.		

Emergency & First Aid Procedures:

Eyes:	In case of contact; immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. If irritation persists; get medical attention.
Skin:	In case of skin contact; flush skin with water. If irritation occurs; get medical attention.
Ingestion:	If swallowed; Do not induce vomiting. Drink 1 or 2 glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air.

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	N/A
Hazardous Decomposition Products:	Sulfur dioxide and hydrogen sulfide	Hazardous Polymerization:	Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Soak up with absorbent material. Shovel into waste container and flush area with water.
Waste Disposal Method:	Bury, incinerate or flush to sewage disposal system in accordance with all legal regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or other waterproof gloves
Eye Protection(Specify Type):	Goggles
Other Protective Equipment:	None

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep from freezing
Other Precautions:	Keep out of reach of children

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SCC
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**BIO-ASSIST
EXTRACTION
CLEANER**
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