PRODUCT IDENTIFICATION	PRODUCT: Apex Bioresearch Products 20-258 Tegosept, 1kg, Fly Food Preservative, 1kg/Unit PRODUCT #: 20-258 MANUFACTURER: Apex Bioresearch Products RECOMMENDED USE: For Laboratory Research Use Only Not for Human or Animal Drug Use

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Hazard Pictogram:



Hazard Statements:

Harmful to aquatic life

Toxic to aquatic life with long effects.

Signal Word: Warning

Hazard Classification:

Hazardous to the aquatic environment (acute) Category 3
Hazardous to the aquatic environment (chronic) Category 2

Precautionary Statements

Prevention:

Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray
Collect spillage
Dispose of contents in accordance with local/regional/national/container regulations
Wash skin thoroughly after handling.
Use only outdoors or in a well-ventilated area
Wear protective gloves/ eye protection/ face protection.

Response:

IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

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.
If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before reuse
IF INGESTED: Seek medical attention

NORMAL PRECAUTIONS COMMON TO SAFE MANUFACTURING PRACTICE SHOULD BE FOLLOWED IN HANDLING AND STORAGE

3. Composition/Information on Ingredients

COMPONENT:	CAS#	CONCENTRATION %:
Methyl 4-hydroxybenzoate	99-76-3	100

4. FIRST AID MEASURES

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
Consult physician if irritation of respiratory passages occurs.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
Hold eyelids open and flush eyes for at least 15 minutes with large quantities of water. Seek medical attention immediately.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
Remove contaminated clothing. Wash affected area with soap and plenty of water. Consult physician if irritation continues.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
Consult physician.

ADDITIONAL MEASURES:
If overexposure or difficulty in breathing occurs, remove victim to fresh air. Restore breathing if necessary. Seek medical help.

HEALTH HAZARDS (ACUTE AND CHRONIC)
CARCINOGENICITY

NTP carcinogen: NO OSHA: NO
IARC monographs: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
None known.

5. FIRE-FIGHTING MEASURES

Flash Point: **168°C** **334 °F**

Flammable limits:

Lower limit:	Not Available
Upper limit:	70 g/m^3

Special fire fighting procedures:
Do not discharge extinguishing waters into streams, rivers, and lakes.

Special protective equipment for firefighters:
Body covering protective clothing, full "turn-out" gear. Self-contained breathing apparatus.

Extinguishing Media:
Suitable:

- Large Fires:
  - Alcohol-type foam or universal-type foams
- Small Fires:
  - CO_2
  - Dry chemical
  - Water spray

Unsuitable:

- Water jets

There are no known unusual fire and explosion hazards.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:
Wear suitable protective equipment

Environmental Precautions:
Prevent from entering sewer system, surface water, or soil.

Methods for cleaning up:
Observe government regulations.

Small spills:
Absorb on inert material such as sand, earth, and vermiculite.
Collect for disposal.

Large spills:

Dike to contain spill.
Pump excess material into suitable container (metal drums, metal tank, or such).

For non-emergency personnel:
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:
Normal precautions should be followed in handling and use.

STORAGE REQUIREMENTS:
Store away from heat, sources of ignition, and incompatibles. Store in original container. Store in cool, dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION:

Respiratory protection:
May be needed if product is used in a confined or poorly ventilated area.

Hand protection / protective gloves:
Chemical resistant protective gloves

Eye protection:
Safety glasses with side shields

Skin protection:
Chemical protective clothing

Other protective equipment:
Eyebath
Safety shower

ENGINEERING CONTROLS:

Ventilation:
General mechanical room ventilation is satisfactory for normal handling and storage operations.

EXPOSURE LIMITS:

No exposure limits have been established

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Physical State:	Crystalline Powder
Color:	White
Odor:	Very faint, Characteristic

OTHER PROPERTIES:

Boiling Point:	No data available
Melting Point:	125 °C
Ph Level:	N/A
Specific Gravity (H_2o=1):	N/A
Vapor Pressure:	0.000028 Pa
Vapor Density (Air=1):	5.23
Solubility In Water:	Practically Insoluble
Evaporation Rate (Butyl Acetate = 1):	N/A
Flash Point:	168°C 334 °F
Upper explosion limits:	Not Available
Lower explosion limits:	70 g/m^3
Molecular weight:	Not Available

10. STABILITY AND REACTIVITY

Stability:
Stable

Stability – Conditions to avoid:
None known

Incompatible materials:
None known

Hazardous combustion products:
Burning can produce the following combustion products:

- Oxides of carbon
  Oxides of silicon
  Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an

No adverse effects anticipated from available information.

12. ECOLOGICAL INFORMATION

All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this Safety Data Sheet.

13. DISPOSAL CONSIDERATIONS

GENERAL:
Avoid discharge to sewers and natural waters. Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

NON-CLEANED PACKAGES:
Empty drums should be decontaminated and either passed to an approved drum reconditioned or destroyed. Containers that cannot be cleaned must be treated as waste.

14. TRANSPORT INFORMATION

DOT Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Methyl 4-hydroxybenzoate)
DOT Hazard Class:	9
Packaging Group:	III
UN/NA Number:	UN 3077
Technical Name/Hazard Inducer:	Methyl 4-hydroxybenzoate
Other Precautions:	
IATA-DGR	UN 3077; Packing Group: III; Class: 9; Environmentally hazardous: Yes
IMDG	UN 3077; Packing Group: III; Class: 9; Environmentally hazardous: Yes; EmS Code: F-A, S-F
Remarks:	Above applies only to containers over 119 gallons or 450 liters., Shipment by ground under DOT is non-regulated; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO.

15. REGULATORY INFORMATION

Botanistat MP does not contain any intentionally added components classified as carcinogenic, mutagenic or toxic for reproduction (CMR) as defined in Directive 1272/2008. None of these substances are expected to form during manufacture and are not expected to be present in Botanistat MP except as unknown impurities at trace levels.

Botanistat MP does not contain any intentionally added components identified on the Substance of Very High Concern list under REACH. Botanistat may contain trace quantities of SVHC, such as Lead, as impurities.

The components of Botanistat MP are compliant with the European Cosmetic Directive ((EC) No 1223/2009).

Botanistat MP does not contain any added components known to cause cancer or reproductive toxicity as defined in California Proposition 65. Botanistat MP may contain trace quantities of Proposition 65 substances, such as Lead, as impurities. It is the responsibility of the end user to determine if its finished products require labeling under California Proposition 65.

16. OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS:
Please consult the product and/or application information bulletins for this product.

HMIS RATING
Health: 0 Flammability: 3 Reactivity: 0

LEGEND:

STP	Standard temperature and pressure
W/W	Weight/Weight
0 (HMIS)	Minimal hazard
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

The opinions expressed herein are those of qualified experts within Botanigenics. We believe that the information contained herein is current as of the date of this Data Sheet. Since the use of this information, of these opinions, and the conditions of use of this product, are not within the control of Botanigenics, it is the user's obligation to determine the conditions of safe use of the products.

End of SDS