



SECTION 1: IDENTIFICATION

Product Identifier	Penetrate A	Phone for Information	559-291-4419
Manufacture's Name	John & Bob's Corporation	Emergency Phone Number	559-250-5593
Address	2151 N Highland Ave Fresno, CA 93737	Recommended Use	Liquid Bio-tiller

SECTION 2: HAZARD IDENTIFICATION

Hazard Classification	No known hazardous products	Signal Word	N/A
Precautionary Statement		Hazard Statement	None known

If product spills, stop the source of the spill. Recover as much product as possible for reuse. Absorb remaining spill and dispose solids in waste container.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components:		
Kelp (microbe food)	5%	Remaining percentage of composition has been withheld as a trade secret
Saponin	3%	
Humic Acid	1.5%	

SECTION 4: FIRST-AID MEASURES

Inhalation	If inhaled in mist form, move to fresh air.
Skin Contact	Wash with soap, wash clothing before re-use.
Eye Contact	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Ingestion	Obtain Medical Attention

No known symptoms or effects when using product as intended. If inhalation, skin contact, eye contact, or ingestion occur, and symptoms persist after performing the first-aid measures listed above, seek medical attention immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Non-flammable, no special Fire-Fighting procedures

SECTION 6: ACCIDENTAL RELEASE MEASURES

If released in unintended area, any product recovered can be re-used. Absorb remaining spill and dispose solids in waste container

SECTION 7: HANDLING AND STORAGE

No Hazardous products of decomposition	Not known to polymerize
Store in cool dry area	

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection	Not considered necessary
Ventilation	Not considered necessary
Skin Protection	Under normal conditions, use of protective gloves and clean, bodycovering clothings are adequate.
Eye Protection	Wear safety glasses with side shields or goggles to protect eyes against unintended airborne disbursement
Other protective clothing or equipment not considered necessary. Wash hands and clothing after handling product	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark brown liquid		
Upper Explosive Limit	N/A	Lower Explosive Limit	N/A
Odor	N/A	Odor Threshold	N/A
Vapor Pressure	N/A	Vapor Density	N/A
pH	6.5 - 7.5	Relative Density (Water=1)	1.048
Melting Point	N/A	Solubility	Soluble
Initial Boiling Point	100 C	Flash Point	N/A
Evaporation Rate	N/A	Flammability	N/A
Partition Coefficient	N/A	Total Sugars	12.50%
Viscosity	N/A	Chemical Family	Carbohydrate

SECTION 10: STABILITY AND REACTIVITY

Reactivity	N/A	Stability	Stable Organic Liquid
No hazardous products of decomposition		Not known to polymerize	

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure to product in mist form may irritate respiratory system and eyes.
Exposure to mist should be minimized through the use of good work practices and adequate ventilation.

SECTION 12: ECOLOGICAL INFORMATION

No environmental precautions required. Unless contaminated in service, this product is neutral to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of waste material in accordance with applicable federal, state, and local laws and regulations.
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SECTION 14: TRANSPORT INFORMATION

Precautions for Handling and Storage	Persons handling product should use proper protective equipment and handle with care. Containers should be stored in a cool dry area to minimize product expansion and possible leakage.
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SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

Date Prepared

4/24/2017

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SECTION 1: IDENTIFICATION

Product Identifier	Penetrate B	Phone for Information	559-291-4419
Manufacture's Name	John & Bob's Corporation	Emergency Phone Number	559-250-5593
Address	2151 N Highland Ave Fresno, CA 93737	Recommended Use	Liquid Bio-tiller

SECTION 2: HAZARD IDENTIFICATION

Hazard Classification	No known hazardous products	Signal Word	N/A
Precautionary Statement		Hazard Statement	None known

If product spills, stop the source of the spill. Recover as much product as possible for reuse. Absorb remaining spill and dispose solids in waste container.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components:

Liquid Organic Solution. Contains a broad and diverse population of live naturally occurring beneficial microbes

Percentage of composition has been withheld as a trade secret

SECTION 4: FIRST-AID MEASURES

Inhalation	If inhaled in mist form, move to fresh air.
Skin Contact	Wash with soap, wash clothing before re-use.
Eye Contact	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Ingestion	Obtain Medical Attention

No known symptoms or effects when using product as intended. If inhalation, skin contact, eye contact, or ingestion occur, and symptoms persist after performing the first-aid measures listed above, seek medical attention immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Non-flammable, no special Fire-Fighting procedures

SECTION 6: ACCIDENTAL RELEASE MEASURES

If released in unattended area, any product recovered can be re-used. Absorb remaining spill and dispose solids in waste container

SECTION 7: HANDLING AND STORAGE

No Hazardous products of decomposition

Not known to polymerize

Store in cool dry area

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection	Not considered necessary
Ventilation	Not considered necessary
Skin Protection	Under normal conditions, use of protective gloves and clean, bodycovering clothings are adequate.
Eye Protection	Wear safety glasses with side shields or goggles to protect eyes against unintended airborne disbursement
Other protective clothing or equipment not considered necessary. Wash hands and clothing after handling product	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque Light Tan Liquid- slight earthy odor		
Upper Explosive Limit	N/A	Lower Explosive Limit	N/A
Odor	N/A	Odor Threshold	N/A
Vapor Pressure	17 mm Hg	Vapor Density	N/A
pH	7	Relative Density (Water=1)	1.1
Melting Point	N/A	Solubility	Soluble
Initial Boiling Point	212 C	Flash Point	N/A
Evaporation Rate	N/A	Flammability	N/A
Partition Coefficient	N/A	Total Sugars	N/A
Viscosity	N/A	Chemical Family	N/A

SECTION 10: STABILITY AND REACTIVITY

Reactivity	N/A	Stability	Stable Organic Liquid
No hazardous products of decomposition		Not known to polymerize	

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SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

Date Prepared

4/24/2017

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