



MSDS: 1A

SAS – SUSTAINABLE AGRICULTURAL SOLUTIONS LLC

Material Safety Data Sheet (MSDS)

Revision Date: February 22, 2019

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TIERRA GOLD

SAS – Sustainable Agriculture Solutions LLC – 6619 Joy Road, East Syracuse, NY - 13057

SAS Emergency Phone Number: (315)374-4978

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

21.0% - Pyroligneous acid from eucalyptus wood 79.0% - Inert Ingredients -Total 100%

It is a liquid manufactured by the process of distillation of raw timber from planted forest.

SECTION 3 — HAZARDS IDENTIFICATION

Appearance: Reddish-brown liquid. Odor: Smokey wood.

Substance is not considered hazardous. Prolonged inhalation of vapors may cause respiratory tract irritation. Not for human consumption or topical use.

Tierra Gold at a Glance

Health-0

Flammability-0

Reactivity-0

Exposure-0

Storage-0

0 is low hazard, 3 is high hazard

SECTION 4 — FIRST AID MEASURES

Call a physician and seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately.

Eye contact : Immediately flush eyes with copious amount of fresh water for at least 15 minutes.

Skin contact : Wash contacted area with soap and water.

Ingestion: Do not induce vomiting, wash mouth with copious amounts of water. Seek medical attention.

SECTION 5 — FIRE FIGHTING MEASURES

Non flammable.

Non combustible solution.

No flash point was observed by the Cleveland open cup.

Not classified as dangerous good.

Use water spray or fog, foam, dry chemical or carbon dioxide.

NFPA CODE

None
established

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area and wear appropriate protective equipment and ventilate area. Contain spill with sand or other inert absorbent material, deposit in sealed bag or container.



SECTION 7 — HANDLING AND STORAGE

Acidic in nature. Handle with care and avoid contact with eyes and skin. Use in a well ventilated area and avoid exposure by wearing appropriate protective equipment. Practice good personal hygiene. Keep containers tightly closed, stored in a cool, dry, well ventilated area, away from heat and incompatibles.

Keep out of reach of children.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes. Wear safety glasses, gloves, clothing to cover skin.

Use exhaust ventilation to keep airborne concentrations low.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid.

Odor: Smokey wood.

pH: 3.5 – 4.5

Boiling point: Approx 100 degrees centigrade.

Solubility: Soluble in water.

Specific gravity: 1.01-1.08

Not for human consumption.

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended conditions for use and storage.

Incompatible materials: Strong alkalis.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: N.A.

Chronic effects: Prolonged inhalation of vapors can cause irritation to respiratory tract.

Target organs: Respiratory tract.

ORL-RAT LD 50: N.A.

IHL-RAT LC 50: N.A.

SKN-RBT LD50: N.A.

Health Hazard: No adverse effects expected if the product is handled in accordance with this MSDS and product label.

Contact with eyes and skin: can cause irritation.

N/A: Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Safe when used as directed. Always use diluted.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply, before proceeding.

SAS Suggested Disposal Method #26b is one option.

SECTION 14 — TRANSPORT INFORMATION

Classification: Not classified as dangerous good.

Shipping name: Not regulated.

Hazard class: N/A

UN number: N/A

N/A: Not applicable.

SECTION 15 — REGULATORY INFORMATION

Not classed as hazardous substance.

No specific requirements.

SECTION 16 — OTHER INFORMATION

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. SAS – Sustainable Agriculture Solutions LLC, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control SAS – Sustainable Agriculture Solutions LLC, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).



MSDS: 1B

SAS – SUSTAINABLE AGRICULTURAL SOLUTIONS LLC

Material Safety Data Sheet (MSDS)

Revision Date: February 22, 2019

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

WOOD POWER

SAS – Sustainable Agriculture Solutions LLC – 6619 Joy Road, East Syracuse, NY - 13057

SAS Emergency Phone Number: (315)374-4978

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

21.0% - Pyroligneous acid from eucalyptus wood 79.0% - Inert Ingredients -Total 100%

It is a liquid manufactured by the process of distillation of raw timber from planted forest.

SECTION 3 — HAZARDS IDENTIFICATION

Appearance: Reddish-brown liquid. Odor: Smokey wood.

Substance is not considered hazardous. Prolonged inhalation of vapors may cause respiratory tract irritation. Not for human consumption or topical use.

Wood Power at a Glance

Health-0

Flammability-0

Reactivity-0

Exposure-0

Storage-0

0 is low hazard, 3 is high hazard

SECTION 4 — FIRST AID MEASURES

Call a physician and seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately.

Eye contact : Immediately flush eyes with copious amount of fresh water for at least 15 minutes.

Skin contact : Wash contacted area with soap and water.

Ingestion: Do not induce vomiting, wash mouth with copious amounts of water. Seek medical attention.

SECTION 5 — FIRE FIGHTING MEASURES

Non flammable.

Non combustible solution.

No flash point was observed by the Cleveland open cup.

Not classified as dangerous good.

Use water spray or fog, foam, dry chemical or carbon dioxide.

NFPA CODE

None
established

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area and wear appropriate protective equipment and ventilate area. Contain spill with sand or other inert absorbent material, deposit in sealed bag or container.



SECTION 7 — HANDLING AND STORAGE

Acidic in nature. Handle with care and avoid contact with eyes and skin. Use in a well ventilated area and avoid exposure by wearing appropriate protective equipment. Practice good personal hygiene. Keep containers tightly closed, stored in a cool, dry, well ventilated area, away from heat and incompatibles.

Keep out of reach of children.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes. Wear safety glasses, gloves, clothing to cover skin.

Use exhaust ventilation to keep airborne concentrations low.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid.

Odor: Smokey wood.

pH: 3.5 – 4.5

Boiling point: Approx 100 degrees centigrade.

Solubility: Soluble in water.

Specific gravity: 1.01-1.08

Not for human consumption.

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended conditions for use and storage.

Incompatible materials: Strong alkalis.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: N.A.

Chronic effects: Prolonged inhalation of vapors can cause irritation to respiratory tract.

Target organs: Respiratory tract.

ORL-RAT LD 50: N.A.

IHL-RAT LC 50: N.A.

SKN-RBT LD50: N.A.

Health Hazard: No adverse effects expected if the product is handled in accordance with this MSDS and product label.

Contact with eyes and skin: can cause irritation.

N/A: Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Safe when used as directed. Always use diluted.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply, before proceeding.

SAS Suggested Disposal Method #26b is one option.

SECTION 14 — TRANSPORT INFORMATION

Classification: Not classified as dangerous good.

Shipping name: Not regulated.

Hazard class: N/A

UN number: N/A

N/A: Not applicable.

SECTION 15 — REGULATORY INFORMATION

Not classed as hazardous substance.

No specific requirements.

SECTION 16 — OTHER INFORMATION

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MSDS: 1C

SAS – SUSTAINABLE AGRICULTURAL SOLUTIONS LLC

Material Safety Data Sheet (MSDS)

Revision Date: February 22, 2019

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

WOOD NECTAR

SAS – Sustainable Agriculture Solutions LLC – 6619 Joy Road, East Syracuse, NY - 13057

SAS Emergency Phone Number: (315)374-4978

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

21.0% - Pyroligneous acid from eucalyptus wood 79.0% - Inert Ingredients -Total 100%

It is a liquid manufactured by the process of distillation of raw timber from planted forest.

SECTION 3 — HAZARDS IDENTIFICATION

Appearance: Reddish-brown liquid. Odor: Smokey wood.

Substance is not considered hazardous. Prolonged inhalation of vapors may cause respiratory tract irritation. Not for human consumption or topical use.

Wood Nectar at a Glance

Health-0

Flammability-0

Reactivity-0

Exposure-0

Storage-0

0 is low hazard, 3 is high hazard

SECTION 4 — FIRST AID MEASURES

Call a physician and seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately.

Eye contact : Immediately flush eyes with copious amount of fresh water for at least 15 minutes.

Skin contact : Wash contacted area with soap and water.

Ingestion: Do not induce vomiting, wash mouth with copious amounts of water. Seek medical attention.

SECTION 5 — FIRE FIGHTING MEASURES

Non flammable.

Non combustible solution.

No flash point was observed by the Cleveland open cup.

Not classified as dangerous good.

Use water spray or fog, foam, dry chemical or carbon dioxide.

NFPA CODE

None

established

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area and wear appropriate protective equipment and ventilate area. Contain spill with sand or other inert absorbent material, deposit in sealed bag or container.



SECTION 7 — HANDLING AND STORAGE

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Keep out of reach of children.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes. Wear safety glasses, gloves, clothing to cover skin.

Use exhaust ventilation to keep airborne concentrations low.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid.

Odor: Smokey wood.

pH: 3.5 – 4.5

Boiling point: Approx 100 degrees centigrade.

Solubility: Soluble in water.

Specific gravity: 1.01-1.08

Not for human consumption.

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended conditions for use and storage.

Incompatible materials: Strong alkalis.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: N.A.

Chronic effects: Prolonged inhalation of vapors can cause irritation to respiratory tract.

Target organs: Respiratory tract.

ORL-RAT LD 50: N.A.

IHL-RAT LC 50: N.A.

SKN-RBT LD50: N.A.

Health Hazard: No adverse effects expected if the product is handled in accordance with this MSDS and product label.

Contact with eyes and skin: can cause irritation.

N/A: Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Safe when used as directed. Always use diluted.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply, before proceeding.

SAS Suggested Disposal Method #26b is one option.

SECTION 14 — TRANSPORT INFORMATION

Classification: Not classified as dangerous good.

Shipping name: Not regulated.

Hazard class: N/A

UN number: N/A

N/A: Not applicable.

SECTION 15 — REGULATORY INFORMATION

Not classed as hazardous substance.

No specific requirements.

SECTION 16 — OTHER INFORMATION

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