



SAFETY DATA SHEET

JADE Grow 20-5-10

1. Product & Company Identification

Product Name	JADE Grow 20-5-10
Product Use	Plant Fertilizer
Manufacturer	Plant Life Company 335 E. Linton Blvd., #2227 Delray Beach, FL 33483 1-800-502-5752

2. Hazards Identification

Emergency Overview: Green flowable powder.
May cause mild irritation

OSHA Regulatory Status	Not hazardous
OSHA Classification	Not required
WHMIS Regulatory Status	Not hazardous
WHNIS 2018 Classification	Not required
Signal Word	Not required
Hazard Statements	Not required
Precautionary Statements	Not required
Label Symbols	Not required
Other Hazards Not Specified by OSHA	None
% of Unknown Toxicity	25% of unknown toxicity

Potential Health Effects

Skin	May cause mild irritation
Eyes	May cause mild irritation
Ingestions	May upset stomach. Estimated low overall toxicity
Inhalation	Dusts & mists may cause mild irritation
Chronic Effects	None anticipated
Environmental Effects	Adverse effects have not been studied, but none are anticipated

Ingredients found on established carcinogen lists: No ingredients listed

3. Composition / Information on Ingredients

Ammonium Nitrate, Urea, Ammonium Phosphate, Potassium Sulfate, Magnesium Sulfate, Boric Acid, Copper Sulfate, Iron Chelate, Manganese Sulfate, Zinc Sulfate. Wt. % = 100

4. First Aid Measures

Skin	Wash thoroughly with water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation develops.
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Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present & easy to do. Continue rinsing. If eye irritation develops get medical attention.
Ingestions	Call a doctor or Poison Control Center if you feel unwell
Inhalation	Remove to fresh air if minor irritation develops
Advice to physician	Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media	Use any media suitable for surrounding fire
Fire/Explosive Hazards	None noted
Fire Fighting Procedures	Wear self-contained breathing apparatus. Avoid contact with dust &/or product mists
Flammable limits	Not flammable
Autoignition Temperature	Not Flammable
Hazardous Combustion Products	Oxides of Carbon, Nitrogen and Sulfur

6. Accidental Release Measures

Personal Precautions	Wear personal protective equipment as noted in Section 8. Avoid contact w/skin & eyes. Do not breath dusts or mists (if in solution)
Containment	Not normally required as material is solid powder
Clean Up	Shovel into containers for reuse
Notification requirements	None required but notification to police in case road traffic disruption is recommended.

7. Handling & Storage

Handling	Avoid contact with skin & eyes. Avoid breathing product dusts or mists (if in solution). Wash thoroughly after handling. Always apply from upwind if doing application of powder or spraying liquid
Storage	Keep containers closed. Store in cool dry place

8. Exposure Controls / Personal Protection

Engineering Controls	Use local exhaust to prevent dusting
Personal Protective Equipment	
Eyes & Face	Wear safety glasses or goggles to prevent eye contact
Respiratory	If dusty conditions, wear NIOSH approved dust respirator

Hands, Arms & Body

Wear work gloves handling solid material & rubber gloves handling product solutions. Long sleeved shirt is recommended

Other

Eyewash or source of running water in case of exposure

Exposure Guidelines

No ingredients listed

9. Physical and Chemical Properties

Appearance & Physical State

Green flowable powder

Odor

None

Odor Threshold

None

pH

Solid material, solution not tested

Specific Gravity (Relative Density)

Not determined

Initial Boiling Point & Range

Not determined

Melting Point/Freezing Point

Not determined

Evaporation Rate

Not determined

Percent Volatile

None

Solubility in Water

Suspendable in water

Vapor Density

Not determined

Vapor Pressure

Not determined

Upper/Lower Flammable Limits

Not flammable

Flash Point

Not flammable

Autoignition Temperature

Not flammable

Flammability (solid, gas)

Not flammable

Octanol/Water Partition Coefficient

Not determined

Decomposition Temperature

Not determined

Viscosity

Solid material

10. Stability and Reactivity

Stability

Stable

Conditions to Avoid

None

Materials to Avoid

Will react with strong acids

Hazardous Polymerization

Will not occur

Hazardous Decomposition Products

Irritating & potentially toxic oxides of carbon, nitrogen & sulfur

11. Toxicological Information

Eye

May cause mild irritation

Skin

Prolonged contact may cause irritation

Oral

Estimated LD50 Oral Rat: > 2000 mg/kg for mixture. May cause digestive upset

Inhalation

May cause minor respiratory irritation

Chronic

None anticipated

12. Ecological Information

Acute Ecotoxicity

Not determined

Chronic Ecotoxicity

Not determined

Other Information

Not estimated to persist in the environment.

13. Disposal Considerations

RCRA Status	Not a hazardous waste
Disposal Method	Dispose of waste material at an approved waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations. Do not dispose of waste with normal garbage

14. Transportation Considerations

DOT Proper Shipping Name	Not regulated
DOT Primary Hazard Class	Not applicable
DOT UN/NA Number	Not applicable
DOT Packing Group	Not applicable
TDG (Canada)	Not regulated
IMDG (International Water)	Not regulated
ICAO (Air Transport)	Not regulated

15. Regulatory Information

UNITED STATES: Toxic Substance Control Act (TSCA)

TSCA Inventory Status	Ingredients listed on TSCA chemical inventory
Other TSCA Issues	None

SARA Title III/CERCLA

Ingredients with "Reportable Quantities" (RQs) &/or "Threshold Planning Quantities" (TPQs) Ingredient	No ingredient present in containers in reportable quantities
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Spill or releases resulting in loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800) 424-8802 & to your Local Emergency Planning Committee

SARA 311 Hazard Class

Immediate

SARA 313 Toxic Chemicals

The following ingredients are SARA 313 "Toxic Chemicals" & may be subject to annual reporting requirements. CAS numbers & weight percentages are found in section 2

Ingredients	No ingredients present at or above threshold quantities
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Additional Regulatory Info

All ingredients are on the Canadian DSL

16. Other Information

Keep out of reach of children