

Material Safety Data Sheet

SOUL SYNTHETICS AMINO-AIDE 5-0-0

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Last Revision: December, 2009

Emergency Phone: (541) 913-9612

Product Identification

Name: **Amino-Aide**

Chemical description: Organic Nutrients for Plants. Derived from: Organic Materials (Kelp and Yucca), L-Arginine (CAS 74-79-3) and L-Glycine (CAS 56-40-6).

Hazardous components: L-Arginine is slightly hazardous in case of skin contact (irritant); eye contact (irritant), and if ingested or inhaled.

Company: Aurora Innovations, Inc. (541) 359-1580 www.aurorainnovations.com

Physical/Chemical Characteristics

Boiling point	Above 212 F
Vapor pressure	Not determined
Vapor density	Not determined
Evaporation rate	Not determined
Melting point	NA
Specific gravity	1.08
pH	3.8
Solubility in water	Partially/Mostly soluble
Appearance	Tan to amber liquid
Odor	Non-offensive smell, similar to malted or fermented grain

Fire and Explosion Information

Flash point	Not applicable
Flammable limits	Not determined
Extinguishing media	Water, CO ₂
Special fire fighting procedures	No special methods required
Special fire and explosion hazards	None

Reactivity Data

Stability	Stable at normal temperatures
Conditions to avoid	None
Incompatibility	None
Hazardous decomposition	None
Hazardous polymerization	Will not occur

Spill or Leak Procedures

Contain spill to prevent discharge into the environment. Absorb spill with appropriate material and flush with water.

Health Effects/First Aid Information

Inhalation: Remove to fresh air, if breathing difficult, administer oxygen. Consult physician.

Eyes: Will irritate on contact, wash out quickly to remove all particulate matter.

Ingestion: If swallowed contact a physician immediately for course of action. The toxicological properties of Arginine have not been fully investigated, but some laboratory experiments have resulted in mutagenic effects.

Skin: Avoid contact, may cause irritation. Wash with soap and water.

Carcinogenicity: Ingredients not listed as carcinogenic in NTP or IARC listings. Not OSMA regulated.

Precautions for Safe Handling and Use:

Respiratory protection: Not normally needed.

Ventilation: Typically none is required.

Protective gloves/clothing: Rubber or plastic if contact expected.

Eye protection: Chemical splash goggles recommended where splash hazard is possible.

Work practices: Use good housekeeping practices. Keep containers tightly closed.

Precautions for storing and handling: Avoid storage areas with high temperatures or direct sunlight.

Important:

The information and data herein are believed to be accurate and have been compiled from sources believed to be current and reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risks of use, storage and handling of product in compliance with applicable federal, state and local laws and regulations.