

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT – Super Nutrients Super Bloom B

FILE NO.: 00004

MSDS DATE: 12/9/11

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Super Bloom B (1.0-0.2-2.0)  
SYNONYMS: SBB

MANUFACTURER: AB Fertilizer Inc  
ADDRESS: 1377 Cormorant, Ancaster Ontario, Canada L9G 4V5

EMERGENCY PHONE: 905-648-8788

CHEMICAL NAME: Super Nutrients Fertilizer is an mixture of chemicals designed for plant nutrition. The product is an aqueous, inorganic, nitrate solution. The chemical identity of the compounds and exact proportions used in the mixture are proprietary. It is derived from

PRODUCT USE: Plant Nutrition (Fertilizer)  
PREPARED BY: AB Fertilizer

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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CHEMICAL NAME: Super Nutrients Super Bloom Fertilizer is an mixture of chemicals designed for plant nutrition. The product is an aqueous, inorganic, nitrate solution. The chemical identity of the compounds and exact proportions used in the mixture are proprietary. It is derived from potassium nitrate, magnesium nitrate and phosphoric acid

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## SECTION 3: HAZARDS IDENTIFICATION

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### EMERGENCY OVERVIEW

ROUTES OF ENTRY: Ingestion, inhalation, and skin contact

### POTENTIAL HEALTH EFFECTS

EYES: Irritation, redness and pain.

SKIN: Irritation, redness, itching, and pain.

INGESTION: Ingestion can cause irritation to the gastrointestinal tract with headaches, nausea, vomiting, and diarrhea.

INHALATION: Irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.

ACUTE HEALTH HAZARDS: Unknown

CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure to some ingredients can produce target organ damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGENICITY: IARC, NTP, and OSHA do not list as a carcinogen.

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## SECTION 4: FIRST AID MEASURES

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EYES: Do not allow victim to rub or keep eyes tightly shut. Remove contact lenses; then gently lift eyelids, and flush immediately and continuously with flooding amounts of water for at least 15 minutes. Consult a physician or ophthalmologist if pain or irritation develops.

SKIN: Wash exposed area with soap and water. For reddened or blistered skin, consult a physician.

INGESTION: Induce vomiting with large amounts of water or milk. Loosen tight clothing, such as collar, tie, belt and waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention immediately

INHALATION: Remove exposed person to fresh air and support breathing, if necessary. Consult a physician as soon as possible.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: AB Fertilizer is an inorganic chemical fertilizer. Treat accordingly

SECTION 4 NOTES: Consult medical support.

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## SECTION 5: FIRE-FIGHTING MEASURES

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FLASH POINT: Unknown

AUTOIGNITION TEMPERATURE: Unknown

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

SPECIAL FIRE FIGHTING PROCEDURES: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Can decompose explosively in a fire.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES: Wipe up with absorbent towels or mop. Avoid contact with organic materials.

SECTION 6 NOTES: Follow applicable OSHA regulations (29 CFR 1910.120)

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: Avoid ingestion, skin contact, eye contact, and inhalation

OTHER PRECAUTIONS: Separate from flammable and combustible materials. Keep in tightly closed containers stored in a cool, dry, ventilated area.

SECTION 7 NOTES: Follow applicable OSHA regulations

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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VENTILATION : Provide general or local exhaust ventilation systems to maintain airborne concentrations as low as possible.

RESPIRATORY PROTECTION: If this product is used as directed, respiratory protection is not required. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/ NIOSH approved respirator. If respirators are used, OSHA requires a written respiratory protection program that includes, at least: medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

EYE PROTECTION: When handling this fertilizer, protective eye-wear or goggles should be worn per OSHA regulations (29 CFR 1910.134). Contact lenses pose a special hazard. Soft lenses may absorb irritants, and all contact lenses concentrate irritants. Particles may adhere to contact lenses and cause corneal damage.

SKIN PROTECTION: Wear, when the possibility of skin or clothing contamination may exist. Wear neoprene or nitrile gloves when directly handling the product.

WORK HYGIENIC PRACTICES: Remove this material from shoes and equipment. Launder contaminated clothing before wearing.

EXPOSURE GUIDELINES: Eye wash stations, quick drench showers, and washing facilities should be readily accessible to workers handling large quantities.

SECTION 8 NOTES: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this product, especially before eating drinking, smoking, using the toilet, or applying cosmetics.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Physical State: Aqueous solution.

pH: 5.8

Appearance and Odor: Dark red liquid with no odor

Odor Threshold Range: Unknown

Vapor Pressure: Unknown

Water Solubility: Soluble

Other Solubilities: Unknown

Freezing Point: 30 F

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**SECTION 10: STABILITY AND REACTIVITY**

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STABILITY: Unstable at Extremely High Temperatures

CONDITIONS TO AVOID (STABILITY): Mixture with combustible materials, high temperatures, and incompatibles

INCOMPATIBILITY (MATERIAL TO AVOID): May react with reducing materials, powdered metals, oil, and organic solvents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION: Does not occur

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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TOXICOLOGICAL INFORMATION: The chemicals in Super Nutrients are toxic by ingestion, inhalation, or dermal contact.

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**SECTION 11: ECOLOGICAL INFORMATION**

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ECOLOGICAL INFORMATION:

Ecotoxicity: Unknown

Environmental Fate: Not expected to be significant.

Environmental Degradation: Unknown

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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SECTION 13 NOTES: Follow Federal, State, and local regulations.

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**SECTION 14: TRANSPORT INFORMATION**

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DOT Transportation Data (49 CFR 172.101): Nitrates, Inorganic aqueous solution. Concentrations of Super Nutrients, at the minimum temperature encountered during normal transportation, will not exceed 80% of the saturation limit. It is exempt from labeling (see code 58 of 49 CFR 172.102).

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**SECTION 15: REGULATORY INFORMATION**

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EPA Regulations : Not listed

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**SECTION 16: OTHER INFORMATION**

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DISCLAIMER: Information assembled for this Material Safety Data Sheet is for the use of this product as intended by the manufacturer. Users should take all precautions recommended herein while working with this product.

AB Fertilizer provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in using this product.