

# MATERIAL SAFETY DATA SHEET

## Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product:** Alaska Sprayable All Purpose Plant Food 9-4-4 with Iron

**Manufacturer:** Lilly Miller Brands PO Box 2289 Clackamas, Oregon USA 97015

**Date:** 08/09/03

**Emergency Telephone:** 1-503-451-4451

## Section 2: COMPOSITION OF HAZARDOUS INGREDIENTS

| <u>CHEMICAL NAME</u>       | <u>CAS NO.</u> | <u>ACGIH TLV TWA</u> | <u>OSHA PEL TWA</u> | <u>NIOSH REL</u>   |
|----------------------------|----------------|----------------------|---------------------|--------------------|
| Iron salts, soluble, as Fe |                | 1 mg/M <sup>3</sup>  |                     | 1mg/M <sup>3</sup> |

OSHA Nuisance Dust Limit of 15 mg/M<sup>3</sup> (total) and 5 mg/M<sup>3</sup> (respirable) & ACGIH Nuisance Dust Limit of 10 mg/M<sup>3</sup> and 3 mg/M<sup>3</sup> (respirable) may apply to this product.

## Section 3: HAZARDS IDENTIFICATION

**Primary Routes of Entry:** Skin, Eye, Ingestion.

### SIGNS & SYMPTOMS OF EXPOSURE:

**Acute:** Skin and eye contact may cause irritation.

Ingestion may cause gastrointestinal tract disorders, nausea, diarrhea or vomiting.

**Chronic:** None known.

## Section 4: FIRST AID MEASURES

**Eyes:** Flush with plenty of clean water for at least 15 minutes.

**Skin:** Wash affected area promptly with mild soap and water.

*For skin or eye contact, see a physician if irritation develops.*

**Ingestion:** Give 2 to 4 glasses of water to drink and induce vomiting by touching back of throat with finger.

Do not attempt to give anything by mouth or to induce vomiting to an unconscious person.

**Inhalation:** Not normally a problem. Remove to fresh air.

**Note(s) to physician:** No specific antidote; treat symptomatically. Product may be a mild skin or eye irritant.

**Medical Conditions Aggravated by Exposure:** Possible skin irritation to sensitive individuals.

## Section 5: FIRE FIGHTING MEASURES

**NFPA/HMIS Rating:** Health (1) Fire (0) Reactivity (0). *(0)least, (1)slight, (2)moderate, (3)high, (4)extreme.*

**EXTINGUISHING MEDIA:** Foam, Water Spray, Carbon Dioxide.

**Special Fire Fighting Procedures:** Fire fighters should wear full-faced, self contained breathing apparatus and impervious clothing (gloves, hoods, suits and rubber boots). Prevent runoff from entering drains, sewers, or bodies of water. Fertilizer will become slippery when wet. Guard against falls.

**Unusual Fire & Explosion Hazards:** Product is not flammable; however, some ingredients may burn and/or decompose under fire conditions to give off oxides of nitrogen, carbon and/or phosphorus which may be toxic.

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**Section 6: ACCIDENTAL RELEASE MEASURES**

**IF MATERIAL IS SPILLED:** Sweep, shovel or vacuum material into labeled container with minimum generation of dust for use according to label or for disposal. Do not allow product to contaminate drains, sewers, ditches, streams or bodies of water. Prevent large quantities from contacting vegetation.

**Section 7: HANDLING & STORAGE**

**Handling:** Avoid contact with skin, eyes & clothing. Do not take internally. Avoid breathing dust. Wash after handling. Do not apply directly to water. Do not contaminate water by disposal of equipment washwaters.

**Storage:** Store in a cool, dry area out of reach of children & animals. Keep separate from other fertilizers, pesticides, seed, feed, and foodstuffs.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Protective Equipment Suggested for Outdoor Applications:** Clean Clothing.

**Protective Equipment Suggested for Confined Areas:** Sufficient Ventilation, Dust Mask.

**Section 9: PHYSICAL & CHEMICAL PROPERTIES**

**Solubility in Water:** Soluble.      **Appearance and Odor:** Free flowing powder.      **pH:** ND

**Section 10: STABILITY & REACTIVITY**

**Stability:** Stable.

**Conditions to Avoid:** Excess heat and humidity.

**Incompatibility:** May be corrosive to metals when wet.

**Hazardous Decomposition Products:** Oxides of nitrogen, carbon and/or phosphorus.

**Hazardous Polymerization:** Will Not Occur.

**Section 11: TOXICOLOGICAL INFORMATION**

**Positive Teratogen/Mutagen/Carcinogen (NTP):** NO.      **Potential Carcinogen OSHA/IARC:** NO.

**Section 12: ECOLOGICAL INFORMATION**

Keep out of any body of water.

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**Section 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Method(s):** Dispose according to USEPA guidelines as outlined in RCRA. Follow state and local regulations. Be certain container is completely empty before disposal.

**Section 14: TRANSPORTATION INFORMATION      *DOT Shipping Information***

**Proper Shipping Name:** Consumer commodity; not regulated.

**Section 15: REGULATORY INFORMATION**

**SARA Information: SARA TITLE III; SECTION 311/312 HAZARD CATEGORIES**

Immediate (Acute) Health   Y                        Sudden Release of Pressure   N    
Delayed (Chronic) Health   N                        Reactivity   N                                        Fire   N  

**State Right-To-Know (RTK) Information:** Check with specific state authorities since regulations vary within the states.

**Section 16: OTHER INFORMATION**

Format follows ANSI-Z400.1-1993.

*NA= Not Applicable      ND= Not Determined*