

Material Safety Data Sheet  
AGSCO Inc.  
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**AGSCO DB-RED L**  
Phone: 701-775-5325  
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Emergency: Chemtrec 24Hrs.  
800-424-9300  
or 703-527-3887

### SECTION I, Identification

Product Name: AGSCO DB-RED L  
Product Class: Fungicide (Seed Treatment)  
Reg. No.: PCP 27144

### SECTION II, Composition/Information on Ingredients

<u>INGREDIENT</u>	<u>CAS #</u>	<u>%</u>	<u>TLV</u>	<u>LD<sub>50</sub></u>
Maneb	12427-38-2	25.6	5 mg/m <sup>3</sup>	6750 mg/kg
Misc. Inerts		74.4		

### SECTION III, Physical Data

<b>Boiling Point:</b> NA	<b>Melting Point:</b> NA
<b>Vapor Density (Air=1):</b> NA	<b>Weight Per Gallon:</b> 9.95 lbs./gal.
<b>Evaporation Rate:</b> NA	<b>Percent Volatile:</b> NA

### SECTION IV, Fire and Explosion Data

**Flash Point:** NA  
**Lower Explosive Limit (LEL):** NA  
**Upper Explosive (UEL):** NA  
**Extinguishing Media:** Water, CO<sub>2</sub>, Foam  
**Unusual Fire And Explosion Hazards:** If allowed to heat hot enough, the Maneb can decompose to release Carbon Disulfide (CS<sub>2</sub>), and Hydrogen Sulfide (H<sub>2</sub>S) vapors that are flammable, toxic, and explosive.  
**Special Fire Fighting Procedures:** Use rubberized clothing and boots and respirator type prefix TC-23C or SCBA. Avoid inhalation of smoke or fumes.

### SECTION V, Health Hazard Data

**Primary Route(s) Of Entry:** Inhalation: Yes      Skin Contact: Yes      Ingestion: Yes  
**Exposure Limit:** Refer to section II for complete PEL/TLV data.  
**Acute Effects Of Overexposure:**  
Inhalation LC<sub>50</sub> rat: >5.0mg/L for 4 hrs.  
Dermal LD<sub>50</sub> rabbit: >2000 mg/kg  
Oral LD<sub>50</sub> rat: 500-5000 mg/kg  
Primary Eye Irritation rabbit: Minimal effect  
Primary Dermal Irritation rabbit: Slight irritation  
Skin Sensitization guinea pig: Not considered a sensitizer  
**Carcinogenicity:** IARC: No      NTP: Yes      OSHA: No  
**Emergency First Aid Procedures:**  
Inhalation: Remove to fresh air and apply artificial respiration if needed.  
Eye Contact: Flush with water for a minimum of 15 minutes. Get medical attention.  
Skin Contact: Remove contaminated clothing and wash affected areas with soap and water.  
Ingestion: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person

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**SECTION VI, Reactivity Data****Stability:** Stable: Yes Unstable:**Conditions To Avoid:** NA**Incompatibility (materials to avoid):** NA**Hazard Polymerization:** Will Not Occur**SECTION VII, Spill or Leak Procedures**

**Steps To Be Taken In Case Of Spill Or Leak:** For small spills soak up with floor dry or similar material  
**Waste Disposal Method:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of the law and may contaminate groundwater. If these wastes cannot be disposed of according to label instructions, contact the Provincial Regulatory Agency, or the Manufacturer.  
**Container Disposal:** If this is an Out-N-Back™ container return to AGSCO Inc.

**SECTION VIII, Special Protection Information**

**Respiratory Protection:** Use a pesticide respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH- approved respirator with an organic vapor (OCV) cartridge or canister with any R, P, or HE prefilter. Follow manufactures instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Ventilation:** Handle in a well-ventilated area.**Protective Gloves:** Use rubber or pesticide resistant glove preferred.**Eye Protection:** Use goggles, safety shield and or safety glasses.**Other Protective Clothing Or Equipment:** Applicator or handlers must wear coveralls over long sleeve shirt, long pants, and shoes and socks. Chemical resistant apron when cleaning equipment, mixing, or loading.**Hygienic Practices:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Keep and wash PPE separately from other laundry.**SECTION IX, Special Precautions**

**Precautions To Be Taken In Handling And Storage:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not contaminate water by disposal of equipment wash waters.  
**Other Precautions:** Protect from freezing temperatures.

**SECTION X, Regulatory Information****DOT Shipping Information:** Environmentally hazardous substances, solid, n.o.s. not regulated by DOT. 9, UN3077, PG III, RQ, ERG # 31**Placard:** None required for domestic transportation. If in Bulk, (Over 119 lbs) a Marine Pollutant Placard will be needed.**SARA Title III:** Acute, Chronic

Section 312: (TPQ) NE

Section 313: Maneb

**HMIS Rating:** Health: 2 Fire: 1 Reactivity: 0  
 4=Severe 3=High 2=Moderate 1=Slight 0=Minimum

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