

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT IDENTIFICATION AND USE

**PRODUCT IDENTIFIER:** 12-2-12  
**PRODUCT USE:** Liquid fertilizer  
**MANUFACTURER'S NAME:** J. Wilson Agencies Ltd  
**ADDRESS:** Langley, BC Canada  
**IN CASE OF EMERGENCY(604) 532-0780**

**SUPPLIER'S NAME:** Same as manufacturer  
**ADDRESS:** Same as manufacturer

## SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS #	OSHA PEL
Ferrous Sulphate	1-5	7720787	1 mg/m3 Fe.

## SECTION 3 – PHYSICAL DATA

<b>PHYSICAL STATE:</b>	Liquid	<b>ODOUR &amp; APPEARANCE</b>	Brown liquid. Slight odor
<b>ODOUR THRESHOLD (ppm):</b>	NAV	<b>VAPOUR PRESSURE (mmHg):</b>	NA
<b>VAPOUR DENSITY (air=1):</b>	NA	<b>SPECIFIC GRAVITY:</b>	1.27 g/cm <sup>3</sup>
<b>pH:</b>	6.5-7.5	<b>BOILING POINT (°C)</b>	>100°C
<b>FREEZING POINT (°C)</b>	7	<b>EVAPORATION RATE:</b>	1
		<b>SOLUBILITY (in water):</b>	Soluble

## SECTION 4 – FIRE AND EXPLOSION DATA

**FLAMMABLE:** No  
**IF YES, UNDER WHAT CONDITIONS?** Product is not combustible

## SECTION 5 – REACTIVITY DATA

**CHEMICAL STABILITY:** Stable under normal conditions.  
**INCOMPATIBILITY:** Strong alkalis

## SECTION 6 – TOXICOLOGICAL PROPERTIES

No Toxicological data available

## SECTION 7 – PREVENTIVE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** **Eye Protection** : Wear Safety goggles and face shield if splashing may occur.  
**Footwear** : Impervious safety boots.  
**Clothing**: Wear coveralls with an impervious apron to protect street clothing.  
**Respirator**: No specific requirement

**ENGINEERING CONTROLS:** Use containment whenever possible,

**HANDLING PROCEDURES:** Use containment whenever possible and personal protective equipment where potential for splash exists. Eating, drinking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking or smoking.

**STORAGE REQUIREMENTS:** Protect against physical damage. Store in cool, dry place. Keep separate from incompatible materials.

**LEAK AND SPILL PROCEDURE:** Contain and recover spilled material where possible into containers for later disposal.

**WASTE DISPOSAL:** Dispose of in compliance with government requirements and local disposal regulations.

**SECTION 8 – FIRST AID MEASURES**

**SKIN CONTACT:** Remove contaminated clothing. Wash affected area with water.

**EYE CONTACT:** Flush eyes thoroughly while holding both upper and lower eye lids. Obtain medical attention.

**INGESTION:** Do not attempt to give anything by mouth to unconscious victim. If victim is alert and not convulsing, rinse mouth and give water to dilute material. Do not induce vomiting without physician's direction. If vomiting occurs, have victim lean forward with head down to avoid breathing in vomit, rinse mouth. Obtain medical attention immediately.

**SECTION 9 – PREPARATION DATE OF MSDS**

**PREPARED BY:** J. Wilson Agencies Ltd

**BUSINESS NUMBER:** (604) 532-0780

**DATE:** December 19, 2008

**ADDITIONAL INFORMATION:**

At the time of preparation, the information and data contained in this MSDS are believed to be accurate and have been compiled from sources that are believed to be reliable.