

Safety Data Sheet

Not classified as hazardous according to criteria of Worksafe Australia

Issued on: July 2nd, 2018

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INTERSTATE ENERGY GROUP PTY LTD

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Product Name "POLY PLUS" HUMATE SPRAY CONCENTRATE
Other Names
Code No. OF 64
UN Number None allocated
DG Class None allocated
HazChem None allocated
Poison Schedule None allocated
Use Organic Fertilizer when sprayed on leaves or ground after dilution with water 1: 150.
Use Dilution Rate Recommended 1 : 150 to 1 : 200
Withholding time Recommended 2 3 weeks

Physical Description / Properties

Appearance Liquid - dark brown in concentrated state. Light brown when diluted 1:150
Boiling/Melt Point 105°C
Vapour Pressure as per water @ 20°C
Specific Gravity Not available
Flash Point Water content interferes with flash point
Flammability Limits Not applicable
Solubility in Water Totally miscible with water

Other Properties

Packed Density: 1.05
pH: 8

Ingredients Potassium Humate
Fulvic Acid
Organic Chelates
Seaweed/Marine Protein

Acute: Swallowed Swallowing the concentrate may result in irritation to the mouth, throat and stomach with possible effects of nausea, vomiting, abdominal pain and diarrhoea. Swallowing the diluted product is not anticipated to cause any undue harm.

Eye The concentrate may cause irritation to the eyes. This effect is anticipated to be of a transient (short acting) nature and no long-term eye injury is anticipated. The product when used in diluted concentrations is not anticipated to cause any eye irritation.

Skin The concentrate may cause irritation to the skin, with effects including itchiness and possible skin rash. The aggravation may be increased if this product enters open wounds. The product when used in diluted concentrations is not anticipated to cause skin irritation.

Inhaled Exposure to vapours at room temperature is an unlikely route of exposure due to the product's low vapour pressure. When the product is used in diluted concentrations it is not anticipated any irritation to the respiratory system will occur.

Chronic Prolonged or repeated skin contact may cause dry skin, this may lead to dermatitis (inflammation of the skin) in some sensitive individuals.

First Aid:

Swallowed Immediately rinse mouth with water. Give water to drink. Do not induce vomiting due to risk of further injury to the oesophagus and stomach. urgently transport to doctor or hospital without delay.

EYE Immediately rinse affected eye(s) with plenty of luke warm water, holding eyelids open for 15 minutes. If irritation persists, see a doctor or transport to hospital.

Skin Immediately wash contaminated skin with plenty of water. Remove any contaminated clothing. No attempt should be made to neutralize the alkali with acid solutions, as this could aggravate the condition. If irritation persists, see a doctor.

Inhaled Remove affected person from exposure – Avoid becoming a casualty. If irritation persists, see a doctor or transport to hospital.

First aid Facility Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor Treat symptomatically.

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Exposure Standards	No exposure standard has been established for this product by Worksafe Australia.
Engineering Controls	Use in a well-ventilated area. Avoid generating and inhaling mists or vapours.
Personal Protection	If large quantities of this product are being handled, for example, in industrial environments, then it is recommended that: CLOTHING: PVC OR Nitrile Apron where clothing is likely to be contaminated. GLOVES: PVC or Nitrile recommended. EYES: Chemical goggles or faceshield. RESPIRATORY PROTECTION: Avoid breathing of mists or vapours. Select and use respirators in accordance with AS/NZS 1715. When high vapour or mist levels are suspected then the use of the following is recommended: A half face piece respiratory with organic vapour (Type A) and dust/mist (Type P1) canister type is recommended. Filter capacity and respiratory type depends on exposure levels. If entering space where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) complying with AS 1715 is recommended.
Flammability	Non-flammable or combustible liquid.
Storage/Transport	Store in a dry, cool area. Reseal container when not in use. Store away from acids. Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. 6 th edition. Recommended packaging: UN 3111/Y1.6/200/90 AUS 1329 (DG Type) (Thick walled type).
Spills and Disposal	Slippery if spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination as outlined in the personal protection section of this MSDS. Use absorbent material such as soil, sand or vermiculite do not use sawdust. Collect with HEPA or by shovel into properly labeled drums for disposal. Wash area down with excess water before solidification occurs. Hot water is more effective. Disposal: Normally suitable for disposal at approved land waste site after dilution or neutralization. Any dried overspray on equipment should be removed with warm to hot water. After use immediately flush out tanks, spray guns and booms etc. with clean water.
Fire/Explosion Hazard	No significant hazard.
Hazardous Decomposition Products	Oxides of carbon, nitrogen and noxious smoke. Firefighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, or if oxygen deficient atmospheres exist or if exposure to products of decomposition is suspected with full protective equipment. Extinguishing Media: Use extinguishing media suitable for surrounding fire situation. Stability: Stable, under normal conditions of use. Hazardous Polymerization: Will not occur. Materials to Avoid: Strong oxidising agents.
Other Information	No toxicological information is available for this product.
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