

1. Identification

Product Name : Ag Concepts Super Hume NZ

Synonyms : None

Product Use : Liquid Leonardite Fertilizer Additive

Manufacturer/Supplier : Ag Concepts Corp

Address : 439 E Shore Dr. Eagle, ID 83616

General Information : 208-388-1131

Transportation Emergency Number United States: 888-388-1131

New Zealand Distributor

Distributor GROlogic Ltd

Address : PO Box 7347, Taradale, Napier, New Zealand

General Information : 0800 11 44 22

Transportation Emergency Number 0800 11 44 22

2. Hazard Identification

Hazard Pictogram : None

Signal Word : None

Skin Irritation: Not Classified

Eye Irritation : Not Classified

Acute Toxicity Oral : Not Classified

Acute Toxicity Dermal : Not Classified

Hazard Categories : Not Classified

Hazard Statement : This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

3. Composition/Information on Ingredients

Component	CAS Number	Weight %
Humic acids, derived from Leonardite :	68525-81-5	6.00
Kelp Extract and organic acids :	Proprietary	0.50
Inert Ingredients :		93.50

4. First Aid Measure

Eye : Rinse continually with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing the eye. If eye irritation occurs or persists call poison control center or doctor for further treatment advice.

Skin : Take off contaminated clothing. Wash skin with soap and water. If skin irritation occurs, get medical advice or attention.

Inhalation : Move person to fresh air. Call poison control center or doctor for further treatment advice if you feel unwell.

Inhalation : Rinse mouth with clean water. Call poison control or doctor if you feel unwell.

Indication of Immediate Medical Attention and Special Treatment Needed Treat symptomatically

5. Fire Fighting Measures

Extinguishing Media : Non-combustible liquid. Use extinguishing media suitable for underlying cause of fire.

Specific Hazards Arising from the Chemical : May produce carbon monoxide, carbon dioxide, low molecular weight hydrocarbons and/or toxic fumes under fire conditions

Special Fire Fight Proc : Evacuate nonessential personnel. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers exposed to fire.

6. Accidental Release Measures

Personal Precautions : Keep unprotected and unnecessary personnel out of spill area

Protective Equipment : Equip cleanup crew with proper protection

Emergency Procedures : Contain spill. Do not allow spilled product to contaminate water supplies, lakes, streams, ponds, or drains.

Methods and Materials for Containment and Cleanup : Collect spilled liquid and reuse, if uncontaminated. If contaminated, cover with inert absorbent material, collect and place in suitable containers for proper disposal.

7. Handling and Storage

Precautions for Safe Handling : Keep containers closed when not in use. Do not eat, drink, or smoke when using this product. Do not contaminate water supplies, lakes, streams, ponds or drains.

Conditions for Safe Storage : Keep out of reach of children. This product may freeze at temperatures less than 32 degrees F. Thawing occurs readily at temperatures greater than 32 degrees F. Do not store at temperatures greater than 110 Degrees F. Do not store in direct sunlight. Do not store near heat or open flame.

8. Exposure Controls/Personal Protection

TLV/PEL : No information found

Appropriate Engineering Controls : Local exhaust is sufficient

Controls :

Personal Protective : Avoid all unnecessary exposure. Wear protective gloves.

Equipment : Chemical goggles or safety glasses, suitable protective clothing, appropriate mask. Do not eat, drink or smoke during use.
Eyewash station should be available nearby.

9. Physical and Chemical Properties

Physical State: Liquid
Appearance: Dark brown or Black liquid, slight amine odor
Flash Point, °F: Not flammable
Boiling Point, °F: >212 Degrees F
Melting Point (Freezing Point), °F : <32 Degrees F
Vapor Pressure, mm Hg @ 20 °C : Not established
Vapor Density : Not established
Solubility in Water : 99%
Molecular Formula : Not applicable, formulated mixture
Density, g/mL @ 25 °C : 1.040 to 1.060
pH : 8.5
Flammable Limits : No information found
Auto-Ignition Temperature : Not applicable
Decomposition Temperature : Not established

10. Stability and Reactivity

Reactivity : Normally Stable
Chemical Stability : Stable
Hazardous Decomposition Products : May emit oxides of carbon under fire conditions
Hazardous Polymerization : Will not occur
Conditions to Avoid : Avoid direct sunlight and temperatures below 32°F and above 110°F.
Incompatible Materials : May react with acidic materials

11. Toxicology Information

Acute Toxicity (Oral LD50) : No information found.
Acute Toxicity (Dermal LD50) : No information found.
Acute Toxicity (Inhalation LD50) : No information found. May cause nose and throat irritation if inhaled
Likely Routes of Exposure : Skin and Eyes
Skin Irritation : Not classified
Eye Irritation : Not Classified
Skin Sensitization : No hazard listed
Carcinogenic : Not listed by IARC, NTP or OSHA
Chronic Effects : None currently known
Other Hazards : None currently known

12. Ecological Information

Ecotoxicity : No information found.
Persistence and Degradability : No information found.
Bioaccumulative Potential : No information found.
Mobility in Soil : No information found.
Other Adverse Effects : No information found.

13. Disposal Considerations

Waste Disposal Method : Dispose in a safe manner in accordance with local/national regulations.

14. Transportation Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found.
Transport in Bulk : No information found.
Special Precautions for Transportation : No information found.
:
Freight Classification : Class 60

15. Regulatory Information

HSNO Approval Number : HSR002571
HSNO Group Standard : Fertilisers (Subsidiary Hazard) Group Standard 2017

16. Other Information

Other Information : None

Disclaimer : The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the

suitability and completeness of such information for each particular use.

Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can

be accepted in respect of the use of this product in conjunction with materials from another supplier. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.