

SAFETY DATA SHEET

AlphaPro Concentrate

Section 1. Chemical Product and Company Information

Product Name : AlphaPro Concentrate
 Other means of identification : Not applicable
 Recommended Use : Teat Dip
 Restrictions on Use : Reserved for industrial and professional use.

Supplier Information : AgroChem Inc.
 26 Freedom Way
 Saratoga Springs, NY 12866
 (518) 226-4850

Dilution rate : Concentrate. Dilute 1:14
 Date of issue : 5/20/2015

EMERGENCY HEALTH INFORMATION : 1 (800) 424-9300
 Outside United States and Canada CALL: +1 (703) 741-5500

Section 2. Hazards Identification

GHS Classification

Eye Irritation : Category 2A

GHS Label Element

Hazard pictograms :



Signal Word : Warning
 Hazard Statements : Causes serious eye irritation.
 Precautionary Statements :

Prevention: Wash skin thoroughly after handling. Wear eye protection/ face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

Disposal: Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None Known

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Section 3. Composition / Information on Ingredients

Pure substance/mixture : Mixture

| Chemical Name | CAS-No. | Concentration (%) |
|--|------------|-------------------|
| Polyethoxy polypropoxy polyethoxy ethanol - iodine complex | 26617-87-8 | 37.5 |
| Lactic Acid | 79-33-4 | 10 - 30 |

Section 4. First Aid Measures

- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
- In case of skin contact : Rinse with water.
- If swallowed : Rinse mouth. Get medical attention if symptoms occur.
- If inhaled : Get medical attention if symptoms occur.
- Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.
- Notes to physician : Treat symptomatically.

See toxicological information (Section 11)

Section 5. Fire-Fighting Measures

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : None known
- Specific hazards during fire fighting : Not flammable or combustible.
- Hazardous combustion products : Carbon oxides, nitrogen oxides (NOx), Sulfur oxides, Oxides of phosphorus
- Special protective equipment for fire-fighters : Use personal protective equipment.
- Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section 6. Accidental Release Measures

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| Personal precautions, protective equipment and emergency procedures | : Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8. |
| Environmental precautions | Do not allow contact with soil, surface or ground water. |
| Methods and materials for containment and cleaning up | Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. |

Section 7. Handling and Storage

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| Advice on safe handling | Avoid contact with skin and eyes. Wash hands thoroughly after handling. |
| Conditions for safe storage | Keep out of reach of children. Store in suitable labeled containers. |
| Storage temperature | -20 °C to 50 °C |

Section 8. Exposure Controls / Personal Protection

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

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| Engineering measures | : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. |
| Personal protective equipment | : No special protective equipment required. |
| Eye protection | : Safety glasses with side-shields |
| Hand protection | : No special protective equipment required. |
| Skin protection | No special protective equipment required. |
| Respiratory protection | : No personal respiratory protective equipment normally required. |
| Hygiene measures | : Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. |

Section 9. Physical and Chemical Properties

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| Appearance | : Liquid |
| Color | : Dark brown, reddish liquid. |
| Odor | : Iodine |
| pH | : 2.75-3.5, 100% |
| Flash point | : Not Applicable |
| Odor Threshold | : No data available |
| Melting point/freezing point | : No data available |
| Initial boiling point and boiling range | : > 100 °C |
| Evaporation Rate | : No data available |
| Flammability (solid, gas) | : No data available |
| Upper explosion limit | : No data available |
| Lower explosion limit | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density | : No data available |
| Relative density | : 1.13 |
| Water solubility | : Soluble |
| Solubility in other solvents | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Autoignition temperature | : No data available |
| Thermal decomposition | : No data available |
| Viscosity, kinematic | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Molecular weight | : No data available |
| VOC | : No data available |

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| Section 10. Stability and Reactivity |
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| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | None known. |
| Incompatible materials | Bases |
| Hazardous decomposition products | Carbon oxides, nitrogen oxides (NO _x), Sulfur oxides, Oxides of phosphorus |

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Section 11. Toxicological Information

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|--|---|
| Information on likely routes of exposure | : Inhalation, Eye contact, Skin contact |
| Potential Health Effects | |
| Eyes | : Causes serious eye irritation. |
| Skin | : Health injuries are not known or expected under normal use. |
| Ingestion | : Health injuries are not known or expected under normal use. |
| Inhalation | : Health injuries are not known or expected under normal use. |
| Chronic Exposure | : Health injuries are not known or expected under normal use. |

Experience with human exposure

| | |
|--------------|----------------------------------|
| Eye contact | : Redness, Pain, Irritation |
| Skin contact | : No symptoms known or expected. |
| Ingestion | : No symptoms known or expected. |
| Inhalation | : No symptoms known or expected. |

Toxicity

| | |
|-----------------------------------|---|
| Acute oral toxicity | : Acute toxicity estimate : > 5,000 mg/kg |
| Acute inhalation toxicity | : No data available |
| Acute dermal toxicity | : No data available |
| Skin corrosion/irritation | : No data available |
| Serious eye damage/eye irritation | : No data available |
| Respiratory or skin sensitization | : No data available |
| Carcinogenicity | : No data available |
| Reproductive effects | : No data available |
| Germ cell mutagenicity | : No data available |
| Teratogenicity | : No data available |
| STOT-single exposure | : No data available |
| STOT-repeated exposure | : No data available |
| Aspiration toxicity | : No data available |

Section 12. Ecological Information

Ecotoxicity

Environmental Effects : Toxic to aquatic life.

Product

Toxicity to fish : No data available

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|---|---|-------------------|
| Toxicity to daphnia and other aquatic invertebrates | : | No data available |
| Toxicity to algae | : | No data available |
| Ingredients | | |
| Toxicity to fish | : | No data available |
| Toxicity to daphnia and other aquatic invertebrates | : | No data available |
| Toxic to algae | : | No data available |
| Persistence and degradability | : | No data available |
| Bioaccumulative potential | : | No data available |
| Mobility in soil | : | No data available |
| Other adverse effects | : | No data available |

Section 13. Disposal Considerations

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|-------------------------|---|--|
| Disposal methods | : | Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility. |
| Disposal considerations | : | Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. |

Section 14. Transport Information

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

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| Land transport (DOT) | Not dangerous goods |
| Sea transport (IMDG/IMO) | Not dangerous goods |

Section 15. Regulatory Information

EPCRA - Emergency Planning and Community Right-to-Know

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| CERCLA Reportable Quantity | : | This material does not contain any components with a CERCLA RQ. |
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SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

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| SARA 311/312 Hazards | : | Acute Health Hazard |
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| SARA 302 | SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. |
| SARA 313 | SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |
| California Prop 65 | This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects. |

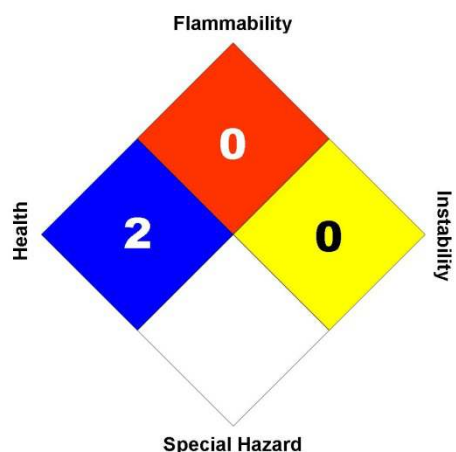
The ingredients of this product are reported in the following inventories:

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| United States TSCA Inventory | : On TSCA Inventory |
| Canadian Domestic Substances List (DSL) | : All components of this product are on the Canadian DSL |
| Switzerland. New notified substances and declared preparations: | : The mixture contains substances listed on the Swiss Inventory not determined |
| Australia Inventory of Chemical Substances (AICS) | : On the inventory, or in compliance with the inventory |
| New Zealand. Inventory of Chemical Substances | : On the inventory, or in compliance with the inventory |
| Japan. ENCS - Existing and New Chemical Substances Inventory | : On the inventory, or in compliance with the inventory |
| Japan. ENCS - Existing and New Chemical Substances Inventory | : On the inventory, or in compliance with the inventory |
| Japan. ISHL - Inventory of Chemical Substances | : On the inventory, or in compliance with the inventory |
| Korea. Korean Existing Chemicals Inventory (KECI) | : On the inventory, or in compliance with the inventory |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS) | : On the inventory, or in compliance with the inventory |
| China. Inventory of Existing Chemical Substances in China (IECSC) | : On the inventory, or in compliance with the inventory |

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| Section 16. Other Information |
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HMIS III:

| | |
|------------------------|----------|
| HEALTH | 2 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |

0 = Not Significant, 1 = Slight
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

Issuing date : 5/20/2015
 Version : 1.0
 Prepared by : RJD

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material 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 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.