

## SAFETY DATA SHEET

### 1. Identification:

Product identifier:	Falgro <sup>®</sup> 2XLV
Distributed by:	Fine Americas, Inc. 1850 Mt. Diablo Blvd., Suite 405, Walnut Creek, CA 94596, USA Tel: 925-932-8800
Emergency phone number:	Chemtrec 1-800-424-9300
Recommended use:	Plant growth regulator solution
EPA reg. number:	62097-32-82917

### 2. Hazard(s) identification (as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):

Signal word <b>DANGER</b> Flammable liquid, category 2 Eye irritant, category 2A	 
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<p><b>PRECAUTIONARY STATEMENTS</b></p> <p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P234: Keep only in original container.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection</p> <p>P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower</p> <p>P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing</p> <p>P337+313: If eye irritation persists get medical advice/attention.</p> <p>P370+378: In case of fire: Use CO2 or chemical foam to extinguish</p> <p>P403+235: Store in a well ventilated place. Keep cool.</p> <p>P501: Dispose of contents/container to an approved waste disposal facility.</p> <p><b>HAZARD STATEMENTS</b></p> <p>H225 Highly flammable liquid and vapor</p> <p>H319 Causes serious eye irritation</p> <p><b>Environmental Hazards</b></p> <p>For terrestrial uses. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.</p>
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### 3. Composition:

Chemical name:	Gibberellic acid (GA <sub>3</sub> )
Concentration:	6.15%
CAS number.:	77-06-5 (active ingredient)
Chemical name:	Isopropanol
Concentration:	<800 g/L
CAS number:	67-63-0

### 4. First aid measures:

If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.
If on skin or clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 (National Pesticide Information Center) for emergency medical treatment information, 8:00 AM to 12:00 PM Pacific time (PT), seven days a week	
<b>5. Fire fighting measures:</b>	
Extinguishing media:	Water mist, fog, CO <sub>2</sub> , foam and/or dry powder
Specific hazards:	Products of combustion: carbon compounds.
Protective equipment:	Wear protective clothing.
<b>6. Accidental release measures:</b>	
Personal precautions:	Refer to Section 8 "Exposure controls/personal protection". Keep away from sources of ignition.
Methods for cleaning up:	In case of spillage, use inert absorbent materials. Isolate spilled material for safe disposal and collect in sealable poly-lined containers. Ventilate area. Dispose of contaminated material in accordance with local regulations.  Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
<b>7. Handling and storage:</b>	
KEEP OUT OF REACH OF CHILDREN	
Precautions for safe handling:	Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
Conditions for safe storage:	Keep containers tightly closed when not in use.
<b>8. Exposure controls/personal protection:</b>	
Exposure limit:	OSHA PEL: Not listed ACIGH TLV: Not listed
Engineering controls:	No applicable information available.
Applicators and other handlers must wear:	Applicators and other handlers must wear: <ul style="list-style-type: none"> <li>• Protective eyewear</li> <li>• Coveralls worn over short-sleeved shirt and short pants</li> <li>• Shoes plus socks</li> <li>• Chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton.</li> </ul> <p>Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE items separately from other laundry.</p>
<b>9. Physical and chemical properties:</b>	
Appearance:	Colorless liquid
Odor:	Alcoholic
Odor threshold:	No applicable information available.
pH (50% v/v solution) in water:	3.4
Melting point/freezing point:	No applicable information available.
Boiling point:	No applicable information available.
Flash point:	13°C (closed cup)
Evaporation rate:	No applicable information available.
Flammability:	Highly flammable
Explosive limits:	No applicable information available.

Vapor pressure:	No applicable information available.
Vapor density:	No applicable information available.
Relative density:	1.066 g/ml
Solubility(ies):	Water: @ 20°C soluble at all concentrations Fat: No applicable information available
Partition coefficient:	No applicable information available.
Auto-ignition temperature:	No applicable information available.
Decomposition temperature:	No applicable information available.
Viscosity:	2.5 mm <sup>2</sup> /s

### 10. Stability and reactivity:

Reactivity:	No applicable information available.
Chemical stability:	Stable in original containers for at least 2 years at ambient temperatures.
Hazardous reactions:	No applicable information available.
Conditions to avoid:	Excessive heat and direct sunlight. Keep away from sources of ignition.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	None under normal conditions of storage and use.

### 11. Toxicological information:

Routes of exposure/acute toxicity	
Oral:	LD <sub>50</sub> Rat: >5050 mg/kg
Inhalation:	LC <sub>50</sub> Rat >5.23 mg/l
Dermal:	LD <sub>50</sub> Rabbit: >2020 mg/kg
Irritation	
Eye:	Moderately irritating
Skin:	Slight
Respiratory tract:	Studies have revealed no observable abnormalities
Sensitization	
Skin:	Non-sensitizing
Carcinogenicity:	None (active ingredient)
Mutagenicity:	None (active ingredient)
Reproductive Toxicity:	No applicable information available.
Chronic Toxicity:	No applicable information available.
NTP/IARC/OSHA listing(s):	No applicable information available.

### 12. Ecological information:

Ecotoxicity:	<ul style="list-style-type: none"> <li>Fish: Not toxic but avoid contamination of water courses. LC<sub>50</sub> (96h)&gt;112mg/L <i>Oncorhynchus mykiss</i> (active ingredient)</li> <li>Daphnia: Not toxic but avoid contamination of water courses. EC<sub>50</sub> (48h)&gt;122mg/L <i>Daphnia Magna</i> (active ingredient)</li> <li>Algae: LC<sub>50</sub> (72h)&gt;100 mg/l; NOEC≥100 mg/l (active ingredient)</li> <li>Bird: LD<sub>50</sub> &gt; 2250 mg/kg <i>Colinus virginianus</i> (active ingredient)</li> <li>Bee: LC<sub>50</sub> (contact 48h)&gt;25µg/bee <i>Apis mellifera</i> (active ingredient)</li> </ul>
Mobility:	No applicable information available.
Persistence and degradability:	Active ingredient is non-toxic and degrades rapidly under biological conditions.
Bioaccumulation potential:	No applicable information available.

### 13. Disposal considerations:

Pesticide disposal:	Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container disposal:	Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local

authorities, by burning. If burned, stay out of smoke.

**14. Transport information:**

UN number:	UN1993
Proper shipping name:	Flammable liquid n.o.s. (contains isopropanol)
Class:	3
Packaging group:	II
NMFC number/class:	101685/85
Marine Pollutant:	No

**15. Regulatory information:**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

EPA signal word:	CAUTION
Precautionary statements:	<p><b>HAZARDS TO HUMANS AND DOMESTIC ANIMALS</b>  <b>CAUTION.</b> Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with eyes, skin, or clothing and breathing spray mist. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.</p>
Pictograms/symbols:	None

**16. Other information:**

The information contained within this SDS is correct to the best of Fine Americas' knowledge at the time of preparation. It does not purport to be an exhaustive assessment. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. Fine Americas assumes no responsibility for any incidental or consequential damages arising from the use of this data and expressly disclaims any liability for loss, injury, damages or expenses arising from any failure to take into account the information or advice contained in this document.

This SDS does not replace or modify the EPA-approved product labelling (attached to the product container). It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.

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