



Issue Date 02-02-2015

Revision date 02-02-2015

Revision Number 2

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product identifier

Product name

Additive Calcium Liquid

### Other means of identification

### Recommended use of the chemical and restrictions on use

Material Uses

Additive.

Uses advised against

Verify Applications

### Details of the supplier of the safety data sheet

#### Supplier

LiveTools PTY Limited  
115 Young St. Carrington  
NSW 2294 Australia  
Telephone: 02 4017 0198

#### Manufacturer

Hangsterfer's Laboratories, Inc.  
175 Ogden Road  
Mantua, NJ 08051  
Phone 856-468-0216, Fax 856-468-0200  
Website: www.hangsterfers.com

### Emergency telephone number

Emergency telephone number Livetools: 02 4017 0198

## 2. Hazards Identification

Not classified as hazardous according to criteria of NOHSC.

### Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Label Elements

#### EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Blue

Physical state Liquid

Odor Mild

### Hazards not otherwise classified (HNOC)

### Other Information

None known

## 3. Composition/information on Ingredients

Chemical Family

Straight Oil Type.

## 4. First aid measures

**First aid measures**

<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a physician if necessary.
<b>Skin contact</b>	Wash skin with soap and water. Consult a physician if necessary.
<b>Inhalation</b>	Remove to fresh air. Consult a physician if necessary.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** None known.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. Fire-fighting measures****Suitable extinguishing media**

Not applicable.

**Unsuitable extinguishing media** Not applicable.

**Specific hazards arising from the chemical**

None.

**Hazardous combustion products** Carbon oxides.

**Protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin and eyes. Wear boots, gloves and protective suit when handling large spills. Ensure adequate ventilation.

**Other Information** Report spills as required to the appropriate authorities.

**Environmental precautions**

**Environmental precautions** No information available.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Take up mechanically, placing in appropriate containers for disposal.

**7. Handling and Storage****Precautions for safe handling**

**Handling** Avoid contact with skin and eyes. Keep container in a well-ventilated place. Do not puncture, crush or incinerate containers.

**Conditions for safe storage, including any incompatibilities**

<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Keep away from direct sunlight.
<b>Incompatible materials</b>	None known.

**8. Exposure Controls/Personal Protection****Control parameters**

<b>Exposure guidelines</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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**Appropriate engineering controls**

<b>Engineering controls</b>	Use in well ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits (ACGIH TLV TWA: 5 mg/m <sup>3</sup> ; ACGIH TLV STEL: 10 mg/m <sup>3</sup> ; OSHA PEL TWA: 5 mg/m <sup>3</sup> ).
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**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Safety glasses with side-shields.
<b>Skin and Body Protection</b>	Use protective gloves and clothing if contact with product is likely.
<b>Respiratory protection</b>	If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and Chemical Properties****Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Blue	<b>Odor threshold</b>	No information available
<b>Color</b>	Blue		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	8.1		
<b>Melting point / freezing point</b>	-	May begin to solidify at 0 °C / 32 °F	
<b>Boiling point</b>	100 °C / 212 °F		
<b>Flash point</b>	Not flammable		
<b>Evaporation rate</b>	No information available		
<b>Flammability (solid, gas)</b>	No information available		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit</b>	No unusual hazard		
<b>Lower flammability limit</b>	No unusual hazard		
<b>Vapor pressure</b>	<0.01 mmHg @ 20 °C		
<b>Vapor density</b>	> 5		
<b>Specific gravity</b>	1.13		
<b>Water solubility</b>	Soluble in water		
<b>Solubility in other solvents</b>	No information available		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	No unusual hazard		
<b>Decomposition temperature</b>	No unusual hazard		
<b>Kinematic viscosity</b>			
<b>Dynamic viscosity</b>	No information available		
<b>VOC Content, % Vol</b>	Request additional information		

**10. Stability and Reactivity**

**Reactivity**

No unusual hazard

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None under normal use conditions.

<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
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**Conditions to avoid**

No additional remarks.

**Incompatible materials**

None known.

**Hazardous decomposition products**

Carbon oxides.

**11. Toxicological Information****Information on likely routes of exposure**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known information
<b>Inhalation</b>	No unusual hazard.
<b>Eye contact</b>	No unusual hazard.
<b>Skin contact</b>	No unusual hazard.
<b>Ingestion</b>	No unusual hazard.

**Information on toxicological effects**

<b>Symptoms</b>	None known.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	No unusual hazard.
<b>Serious eye damage/eye irritation</b>	No unusual hazard.
<b>Sensitization</b>	No known effect.
<b>Mutagenic Effects</b>	No known effect.
<b>Carcinogenicity</b>	No known effect.
<b>Reproductive effects</b>	No known effect.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic toxicity</b>	No known effect.
<b>Aspiration Hazard</b>	No unusual hazard.

**Numerical measures of toxicity - Product Information**

<b>Unknown acute toxicity</b>	21% of the mixture consists of ingredient(s) of unknown toxicity
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**12. Ecological Information****Ecotoxicity**

21.1899% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence/Degradability**

No unusual hazard

**Bioaccumulation/ Accumulation**

No unusual hazard.

**Other adverse effects**

None known

**13. Disposal Considerations****Waste treatment methods****Waste Disposal Method**

Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging**

Do not reuse empty containers.

**14. Transport Information****DOT**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Description</b>	Not regulated

**TDG**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Description</b>	Not regulated

**IMDG/IMO**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Description</b>	Not regulated

**ADR/RID**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>ADR/RID-Labels</b>	Not regulated
<b>Description</b>	Not regulated

**IATA**

<b>UN-No</b>	Not regulated
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<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Description</b>	Not regulated

PG\* : Packing group

**15. Regulatory information**

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**U.S. Regulations & Inventories**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

No regulatory requirements found. All components of this product are either listed on the TSCA inventory or are exempt from listing requirements.

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**16. Other information**

<b><u>NFPA</u></b>	<b>HEALTH 1</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Physical hazard -</b>
<b><u>HMIS</u></b>	<b>HEALTH 1</b>	<b>Flammability 0</b>	<b>Physical Hazards 0</b>	<b>Personal Protection -</b>

<b>Issue Date</b>	02-02-2015
<b>Revision date</b>	02-02-2015
<b>Revision Summary</b>	

**Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of SDS**