

**SECTION 1: IDENTIFICATION**

**1.1 Product Identifier** JC-1001  
**Trade Name** Ferocious™

**1.2 Product Use**  
**Identified Use** Agricultural

**1.3 Manufacturer/Supplier** **Company:** Jungle Control LLC  
**Address:** 3334 Rochester Road #204 Troy, MI 48083  
**Telephone:** +1 (231) 412-2420  
**Email:** thrive@junglecontrol.it

**1.4 Emergency Telephone Number** **Emergency Phone:** +1 (231) 412-2420

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the Substance or Mixture:** Complies with OSHA 29 CFR - 1910.1200 Section (i) "Trade Secrets", contains no hazardous components under current OSHA definitions. The identity is available to any attending physician, paramedical personnel and/or Emergency Response Spill Personnel in the event of an emergency. Proprietary ingredient is non-toxic. There are no additional constituents present which, within the current knowledge of the manufacturer and in the concentrations applicable, classified as hazardous to the health or environment thus do not require reporting in this Section.

**2.1.1 GHS Classifications and Regulation (EC) No. 1272/2008 (CLP):** Not hazardous according to GHS-compliant regulations in the USA, Japan, as well as the UN model regulations. Not Hazardous according to Directives 1272/2008/EC and 1907/2006/EC.

**2.1.2 Directive 67/548/EEC & Directive 1999/45/EC:** Not Hazardous according to Directives 67/548/EEC and 1999/45/EC

**2.2 Label Elements**
**2.2.1 Label Elements according GHS Classifications and Regulation (EC)**

**No. 1272/2008 (CLP)**  
**Hazard Pictogram(s)** None  
**Signal Word** None  
**Hazard Statement** None  
**Precautionary Statements** None

**2.2.2 Label Elements**

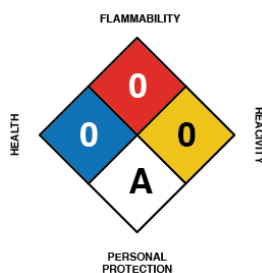
**Hazard Symbol** Not hazardous  
**Risk Phrases** None  
**Safety Phrases** None

**2.3 Other Hazards**

**OSHA :** Non-hazardous under OSHA Hazard Communication Standard

**HMIS**

Health: 0  
 Flammability: 0  
 Reactivity: 0  
 Personal Protection: A



HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	A

**WHMIS (Canada):** Non-Hazardous under WHMIS

**2.4 Additional Information:** No fragrances added

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**
**3.1 GHS Classification (EC Classification No. 1272/2008/EC)**

Hazardous Ingredients	Common Name	CAS No.	EC No.	REACH Registration No.	%W/W
No hazardous ingredients in reportable quantities under USA, Canada, EU, and UN regulations are present in this product.					

Hazardous Ingredients	Common Name	CAS No.	EC No.	REACH Registration No.	%W/W
No hazardous ingredients in reportable quantities under USA, Canada, EU, and UN regulations are present in this product.					

**3.3 Additional Information:** Non-hazardous ingredients are not listed and make up the balance of the product.

**SECTION 4: FIRST AID MEASURES**
**4.1 Description of First Aid Measures**

**Inhalation:** Not a likely route of exposure. Remove to fresh air if irritation occurs. If symptoms develop, obtain medical attention.

**Skin Contact:** Exposure to skin normally does not cause irritation or redness. No toxicity associated with the product being absorbed through skin. Wash exposed areas with water. In the unlikely event of irritation, seek medical advice.

**Eye Contact:** This product may cause irritation to the eyes after direct contact with concentrate. Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion:** No toxicity associated with ingestion. Ingesting large volumes may cause minor gastrointestinal distress due to separation of grease and oil in the digestive tract. Drink water to assist in digestion if swallowed.

**4.2 Most Important Symptoms and Effects, Both Acute and Delayed**

**Acute:** Ingestion will cause minor distress to the gastrointestinal tract. May cause chemical and mechanical eye irritation with direct contact.

**Delayed and Chronic Effects:** Expected to be similar to acute exposures.

**4.3 Indication of the Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically.

**SECTION 5: FIREFIGHTING MEASURES**

Not flammable or combustible by OSHA/WHMIS criteria. Not sensitive to mechanical impact and static discharge.

Flash Point	Explosive Limits	Temperatures
> 220° C (428° F)	NA Auto-Ignition	NA

**5.1 Extinguishing Media**

**Suitable Extinguishing Media :** Use extinguishing media appropriate to surrounding fire conditions.

**Unsuitable Extinguishing Media:** None known

**5.2 Special Hazards Arising from the Substance or Mixture:** Containers may rupture from exposure to high temperatures, releasing contents that may be slippery.

**5.3 Advice for Firefighters:** Suitable protective clothing should be worn in fire conditions. Extinguish preferably with dry chemical, foam or water spray.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:** None

**6.2 Environmental Precautions:** None

**6.3 Methods and Material for Containment and Cleaning Up:** Rinse area with water. Dispose of material in accordance with local regulations.

**6.4 Reference to Other Sections:** See Also Section 7, 8, 13

**6.5 Additional Information:** None

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for Safe Handling:** Avoid contact with eyes. No special precautions required.

**7.2 Conditions for Safe Storage:** Store in closed containers between 35°F and 120°F

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

#### 8.1.1 Occupational Exposure Limits

Substance	CAS No.	LTEL (8hr TWA ppm)	LTEL (8hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )
No hazardous ingredients in reportable quantities under USA, Canada, EU, and UN regulations are present in this product. No Threshold Limit Value (TLV) established (ACGIH). No Permissible Exposure Limit (PEL) established (OSHA).					

OELs are not available for non-listed components.

Limit Value Type (Country of Origin)	Substance	CAS No.	Biological Limit Value
No hazardous ingredients in reportable quantities under USA, Canada, EU, and UN regulations are present in this product. No Threshold Limit Value (TLV) established (ACGIH). No Permissible Exposure Limit (PEL) established (OSHA).			

**8.1.3 PNECs and DNELs:** No PNECs or DNELs are available for this product. As with all chemical products, users are cautioned to avoid unnecessary exposures.

#### 8.2.2 Personal Protection Equipment

**Respiratory Protection:** Usually not needed.

**Eye Protection:** Safety glasses are suggested as good practice.

**Hand Protection:** Usually not needed.

**Skin and Body Protection:** Usually not needed.

**Engineering Controls:** No special controls required.

**General Hygiene Considerations:** Handle according to established industrial hygiene and safety practices.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties

	Concentrate
<b>Appearance:</b>	Water-white liquid, slight foam
<b>Color:</b>	Clear to slight yellow, translucent
<b>Odor:</b>	None to Mild
<b>Odor Threshold:</b>	Not available
<b>pH:</b>	3.3 – 3.7
<b>Melting Point / Freezing Point:</b>	< 0 °C (32 °F)
<b>Initial Boiling Point:</b>	Not available
<b>Boiling Point:</b>	> 100 °C (212° F)
<b>Flash Point:</b>	> 220 °C (428° F)
<b>Evaporation Rate:</b>	1 (Water = 1)
<b>Flammability (solid, gas):</b>	Non-Flammable
<b>Upper/Lower Flammability Limit:</b>	Non-Flammable
<b>Auto-ignition Temperature:</b>	Non-Flammable
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	3.2 (Air = 1)
<b>Relative Density:</b>	Not available
<b>Solubilities:</b>	Infinitely miscible with water

<b>Partition Coefficient: N-octanol/Water:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Percent Volatile, wt. %:</b>	0%
<b>Density Target:</b>	1.000 g/mL
<b>Density Range:</b>	0.9994-1.0015 g/mL
<b>VOC Content, wt. %:</b>	0%

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:** Chemically inert. No known reactive materials.

**10.2 Chemical Stability:** Stable under normal conditions. Avoid temperature extremes.

**10.3 Possibility of Hazardous Reactions:** No hazardous reactions observed.

**10.4 Conditions to Avoid:** Do not freeze. Do not use above ambient temperature.

**10.5 Incompatible Materials:** None

**10.6 Hazardous Decomposition Product(s):** Decomposition produces trace amounts of carbon dioxide and other natural gases.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Substance | CAS No. | LD50 (Oral, Rat) | LC50 (Inhalation, Rat) | LD50 (Dermal, Rat):**

No hazardous ingredients in reportable quantities under USA, Canada, EU, and UN regulations are present in this product.

**11.1 Information on Toxicological Effects****11.1.2 Mixtures****Effects of Acute Exposure**

**Ingestion:** Not Known. Product may be irritating to gastrointestinal tract.

**Inhalation:** Not Known. Not a likely route of exposure.

**Skin Contact:** Not Known. Prolonged contact may result in mild irritation.

**Eye Contact:** Not Known. Contact may result in mechanical and chemical irritation.

**Corrosivity:** None expected.

**Repeated Dose Toxicity:** Expected to be similar to single exposures.

**Carcinogenicity:** This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, IARC, OSHA, or NTP.

**Mutagenicity:** Not available

**Toxicity for Reproduction:** Not available

**11.2 Other Information:** None

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity:** Not expected to be harmful to aquatic or soil environments.

**12.2 Persistence and Degradability:** Readily biodegradable organic liquid

**12.3 Bio-accumulative Potential:** Not available

**12.4 Mobility in Soil:** Not available

**12.5 Results of PBT and vPvB Assessment:** Not available

**12.6 Additional Information on Eco-toxicity:** The product does not add to the AOX-value of effluent water (DIN 38409).

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods:** Disposal should be in accordance with local, state or national legislation. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Containers must not be punctured or destroyed by burning, even when empty.

**13.2 Additional Information:** None

**SECTION 14: TRANSPORT INFORMATION**

**Land transport (ADR/RID) (c)(d):** Not classified as dangerous for transport.

**U.S. Department of Transportation (DOT) (c)(d):** Not classified as dangerous for transport.

**Canada Transportation of Dangerous Goods (TDG) (c)(d):** Not classified as dangerous for transport.

**Sea Transport (IMDG) (c)(d):** Not classified as dangerous for transport.

**Air Transport (ICAO/IATA) (c)(d):** Not classified as dangerous for transport.

(c)– Consult with transport provider. (d) – Check relevant regulations for Special Provisions.

**SECTION 15: REGULATORY INFORMATION**
**15.1 Safety, Health and Environmental Regulations and Associated Hazards for the Mixture**
**15.1.1 Regulations**

Country	Chemical Inventory or Regulation	Classification	Associated Hazards		
<b>Australia</b>	<i>Australian Inventory of Chemical Substances (AICS)</i>	Listed	None		
<b>Canada</b>	<i>Domestic Substances List (DSL/NDSL)</i>	The components of this product are in compliance with the chemical notification requirements of the NSN Regulations under CEPA, 1999.	None		
	<i>WHMIS Classification</i>			None	None
	<i>Canada Ingredient Disclosure List (CIDL)</i>			Listed	None
<b>China</b>	<i>Inventory of Existing Chemical Substances in China (IECSC)</i>	Listed	None		
<b>Europe</b>	<i>European Inventory of Existing Commercial Chemical Substances (EINECS)</i>	Listed	None		
<b>Germany</b>	<i>German WGK number</i>	0			
<b>Japan</b>	<i>Inventory of Existing and New Chemical Substances (ENCS)</i>	Listed	None		
	<i>Japan Fire Service Act</i>	Not classified as flammable/combustible, oxidizing, or reactive.			
<b>Korea</b>	<i>Korea Existing Chemicals Inventory (KECI)</i>	Listed	None		
<b>Mexico</b>	<i>Grade</i>	Grade 0	Minimum Risk		
<b>New Zealand</b>	<i>New Zealand Inventory of Chemicals (NZIoC)</i>	Listed	None		
<b>Philippines</b>	<i>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</i>	Listed	None		
<b>Taiwan</b>	<i>National Existing Chemical Inventory in Taiwan (NECI)</i>	Listed	None		
<b>USA</b>	<i>Toxic Substance Control Act (TSCA)</i>	The components of this product are in compliance with the chemical notification requirements of TSCA.			
	<i>SARA 311/312 - Hazard Categories</i>	None	None		
	<i>SARA 302 - Extremely Hazardous Substances</i>	Not Listed	None		
	<i>SARA 313 - Toxic Chemicals</i>	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.			
	<i>Comprehensive Environmental Response Compensation and Liability Act (CERCLA)</i>	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).			
	<i>Clean Air Act 1990 (CAA)</i>	This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.			
	<i>Clean Water Act (CWA)</i>	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).			

	<i>State Right to Know Lists</i>	This product does not contain any substances regulated by state right-to-know regulations.
	<i>Proposition 65 (California)</i>	This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**15.2 Chemical Safety Assessment:** Not-hazardous

#### **SECTION 16: OTHER INFORMATION**

**Hazard Statements and Precautionary Statements:** None

**Training Advice:** None

**Additional Information:** Replaces all previous editions.

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 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.

**References:** RTECS, CAS Registry, EINECS/ESIS, Manufacturer Information

**Risk Phrases and Safety Phrases:** None

**End of Safety Data Sheet**