



VINCITRO

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 10/05/2021 Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : VINCITRO

1.2. Recommended use and restrictions on use

Relevant identified uses : Adjuvant
Uses advised against : None known

1.3. Supplier

INNICTIS® CROP CARE, LLC
1880 Fall River Drive, Suite 100
Loveland, CO 80538
T 855-466-8428

1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable liquids, Category 4 : H227 Combustible liquid.
Serious eye damage/eye irritation, Category 2A : H319 Causes serious eye irritation.
Acute inhalation toxicity, Category 4 : H332 Harmful if inhaled.

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : WARNING

Hazard statements (GHS US) :
H227 - Combustible liquid.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.

Precautionary Statements (GHS US) :
P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P261 - Avoid breathing fume/gas/mist/vapors/spray.
P264+P265 - Wash hands, face, arms thoroughly after handling.
P271 - Use only outdoors or with adequate ventilation.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P317 - Get medical help.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P317 - If eye irritation persists: Get medical help.
P370+P378 - In case of fire: Use sand, carbon dioxide or powder to extinguish.
P403 - Store in a well-ventilated place.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards which do not result in classification

No additional information available.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier (CAS No.)	%
Proprietary mixture ¹		90-95
Secondary alcohol ethoxylate	68439-46-3	5-<10

Composition comments: ¹Components, CAS numbers and/or concentrations not listed are either non-hazardous, below reporting limits or have been withheld as trade secrets.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
First-aid measures after inhalation	: If breathing is irregular or stopped, immediately seek medical assistance, and start first aid actions. Move to fresh air. Call a physician if symptoms develop or persist.
First-aid measures after skin contact	: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
First-aid measures after ingestion	: Rinse mouth. Get medical attention if symptoms occur. Do NOT induce vomiting.

4.2. Most important symptoms and effects (acute and delayed)

Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause skin irritation. May cause redness and pain. Harmful if inhaled.

4.3. Immediate medical attention and special treatment, if necessary

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes with do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂)
Unsuitable extinguishing media	: Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

5.3. Special protective equipment and precautions for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.	
Fire fighting equipment/instructions	: In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance.
Specific methods	: Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	: Flammable liquid and vapor. Material will burn in a fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

6.1.2. For emergency responders

Wear protective equipment. Keep unprotected persons away.

6.2. Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Large spills	: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand, or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
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Small spills : Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. Persons susceptible to allergic reactions should not handle this product.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s):

Except for the instructions already specified it is not necessary to provide a special recommendation regarding the uses of this product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Proprietary component 1	8-hour TWA PEL	2 mg/m ³
	Ceiling values-TWA PEL	

US. ACGIH Threshold Limit Values

Components	Type	Value
Proprietary component 2	TLV-TWA	2 mg/m ³
	TLV - STEEL	

CALIFORNIA – TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS

Components	Type	Value
Proprietary component 1	PEL	2 mg/m ³
	STEL	
Proprietary component 2	PEL	10 mg/m ³
	STEL	

US. NIOSH: POCKET GUIDE TO CHEMICAL HAZARDS

Components	Type	Value
Proprietary component 1	TWA	2 mg/m ³
	IDLH Value	10 mg/m ³

8.2. Biological limit values

No biological exposure limits noted for the ingredient(s).

8.3. Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide easy access to water supply and eye wash facilities.

8.4. Individual protection measures/personal protective equipment

Eye/Face protection:

Wear safety glasses with side shields (or goggles).

Skin protection:

Hand protection

: Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the supplier.

Other

: Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection:

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If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Selection and use of respiratory protective equipment should be in accordance with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA standard Z94.4

Thermal hazards:

Wear appropriate thermal protective clothing when necessary.

Environmental exposure controls:

Use appropriate container to avoid environmental contamination. Keep away from drains, surface, and ground water.

General hygiene considerations:

Observe any medical surveillance requirements. When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Green (various)
Odour	: Wintergreen
Odour threshold	: No data available
pH	: 6.8-7.8
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >64.5°C (>148.1°F) – Pensky-Martens Closed Cup
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Density	: 1.01-1.1 g/mL
Solubility in water	: Complete
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 40-120 cP
Explosive limits	: No data available
Explosive properties	: Not explosive
Oxidising properties	: Not oxidizing

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

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If heated : Risk of ignition.

10.2. Chemical stability

Material is stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Avoid heat, sparks, open flames, and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Hints to prevent fire or explosion : Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take action to prevent static discharges.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition of this product can generate carbon monoxide, carbon dioxide, sulfur oxides, and sodium oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Harmful if inhaled.
Skin corrosion/irritation	: Causes slight skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not listed in NTP, IARC or by OSHA.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Potential adverse human health effects and symptoms	: Prolonged inhalation may be harmful.
Symptoms/effects after inhalation	: Harmful if inhaled.
Symptoms/effects after skin contact	: May cause skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May cause discomfort if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

Ecology – general : This product is not classified for environmental hazardous under 29 CFR 1910.1200. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Data are not available.

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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SECTION 13: Disposal considerations

13.1. Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

13.2. Local disposal regulations

Dispose in accordance with all applicable regulations.

13.3. Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

13.4. Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

13.5. Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

Department of Transportation (DOT) In accordance with DOT



UN-No.(DOT)	:NA1993
Proper Shipping Name (DOT)	:Combustible liquid, n.o.s. (Orange sweet ext.)
Class (DOT)	:3
Packing group (DOT)	:III
Special precautions for user	:Read safety instructions, SDS and emergency procedures before handling. Physico-Chemical properties: see section 9 Limited quantities: 5 L 49 CFR 173.150: It can be shipped as a non-hazardous material if the container is under 120 gallons.
Transport in bulk (according to IMO instruments)	:Non-applicable

IATA/ICAO

UN number	:Non-applicable
Proper Shipping Name (DOT)	:Non-applicable
Class	:Non-applicable
Packing group	:Non-applicable
Environmental hazards	:No
Special precautions for user	:Physico-Chemical properties: see section 9
Transport in bulk (according to IMO instruments)	:Non-applicable

IMDG

UN number	:Non-applicable
Proper Shipping Name (DOT)	:Non-applicable
Class	:Non-applicable
Packing group	:Non-applicable
Environmental hazards-Marine pollutant	:No
Special precautions for user	:Physico-Chemical properties: see section 9
Transport in bulk (according to IMO instruments)	:Non-applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any chemicals currently listed as carcinogens or reproductive toxins.

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SECTION 16: Other information

Revision date: 5/27/2025

Version Number: 2

Key literature references and sources for data: OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Good Code (IMDG). Dangerous Good Regulations (DGR) for air transport (IATA).

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SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.