



State of the Art Ingredients • Fast Friendly Service

Centella Asiatica (Gotu Kola)

SECTION 1 :: PRODUCT IDENTIFICATION

Product Name: Centella Asiatica (Gotu Kola) Leaf Extract

SECTION 2 :: HAZARDS IDENTIFICATION

Emergency Overview

Form: Liquid, Colour: Amber Brown - Clear, Odour: Herbal
OSHA Hazards : NO OSHA HAZARDS

Potential Health Effects

Symptoms of Overexposure : No specific symptoms known.

Carcinogenicity:

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Additional hazards and advice

None known.

SECTION 3 :: COMPOSITION/INFORMATION ON INGREDIENTS

Brief description of the product

Mixture (preparation) containing active ingredients and auxiliary substances

Hazardous components

No ingredients are hazardous according to OSHA criteria.

SECTION 4 :: FIRST AID MEASURES

First aid procedures

General advice : No hazards which require special first aid measures.

Inhalation : Move to fresh air. If symptoms persist, call a physician.

Skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

Eye contact : Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.

Ingestion : Clean mouth with water and drink afterwards plenty of water.

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Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

Notes to physician

Symptoms : No specific symptoms known.
Treatment : Treat symptomatically.

SECTION 5 :: FIREFIGHTING MEASURES

Flammable properties

Flash point : does not flash
Lower explosion limit : not determined
Upper explosion limit : not determined

Fire fighting

Suitable extinguishing media : Alcohol-resistant foam
Dry chemical
Use extinguishing measures that are appropriate to local
circumstances and the surrounding environment.
Further information : Standard procedure for chemical fires.

Protective equipment and precautions for firefighters

Specific hazards during firefighting : None known.
Special protective equipment for firefighters
In the event of fire, wear self-contained breathing apparatus.

SECTION 6 :: ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protective equipment.
Environmental precautions : No special environmental precautions required.
Methods for containment /
Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

Keep in suitable, closed containers for disposal.

SECTION 7 :: HANDLING AND STORAGE

Handling

Handling : For personal protection see section 8.
No special handling advice required.

Advice on protection against
fire and explosion: Take necessary action to avoid static electricity discharge.



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Storage

Requirements for storage
areas and containers:

Protect against light.

Keep container tightly closed and dry.

Advice on common storage : No special restrictions on storage with other products.

Storage temperature : 59 - 77 °F (15 - 25 °C)

SECTION 8 :: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

Engineering measures

For technical measures see section 7.

Personal protective equipment

Eye protection : Safety glasses

Hand protection : Glove material: for example nitrile rubber

For prolonged or repeated contact use protective gloves.

Skin and body protection : Protective suit

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : General industrial hygiene practice.

SECTION 9 :: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Colour : amber brown - clear

Odour : herbal

Odour Threshold : No information available.

Safety data

Flash point : does not flash

Ignition temperature : not determined

Thermal decomposition no: data available

Lower explosion limit : not determined

Upper explosion limit : not determined

Explosive properties : no data available

Oxidizing properties : no data available

Auto-ignition temperature : no data available

pH : no data available

Melting point/range : not determined

Boiling point/boiling range : not determined

Vapour pressure : not determined

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Density : not determined
Water solubility : soluble
Partition coefficient: noctanol/water : not applicable
Solubility in other solvents : Oils and fats: insoluble
Viscosity, dynamic : not determined
Relative vapor density : not applicable
Evaporation rate : not determined

SECTION 10 :: STABILITY AND REACTIVITY

Reactivity : No hazards to be specially mentioned.
Chemical stability : Stable under recommended storage conditions.
Hazardous reactions : Possible incompatibility with materials listed under section 10.5.
Conditions to avoid : Heat.
Materials to avoid : Strong acids and strong bases Strong oxidizing agents
Hazardous decomposition products : No decomposition if used as directed.

SECTION 11 :: TOXICOLOGICAL INFORMATION

Acute oral toxicity : no data available
Skin irritation : No skin irritation (human, Patch Test 48 Hrs.): no phototoxic skin reaction (In vitro study, OECD Test Guideline 432)
Eye irritation : no data available
Sensitisation : Did not cause sensitization. (human, HRIPT: Human Repeat Insult Patch Test)
Carcinogenicity : This information is not available.
Genotoxicity in vitro : not mutagenic (Ames test, OECD Test Guideline 471)
Reproductive toxicity : This information is not available.
STOT - repeated exposure Chronic exposure : This information is not available.

SECTION 12 :: ECOLOGICAL INFORMATION

Toxicity

No data is available on the product itself.

Persistence and degradability

Biodegradability : no data available

Bioaccumulative potential

Bioaccumulation : no data available

Partition coefficient: noctanol/ water : not applicable

Mobility in soil

Distribution among environmental compartments: no data available

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Results of PBT and vPvB assessment

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
: This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Other adverse effects

Additional ecological information : There is no data available for this product.

SECTION 13 :: DISPOSAL CONSIDERATIONS

Further information : Offer surplus and non-recyclable solutions to a licensed disposal company.

User must determine if any wastes generated exhibit hazardous characteristics as per 40 CFR Part 261 or other national / local legislation.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 :: TRANSPORT INFORMATION

DOT

Not dangerous goods

TDG

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable

SECTION 15 :: REGULATORY INFORMATION

OSHA Hazards : No OSHA Hazards

CERCLA Reportable

Quantity

:

This material does not contain any components with a CERCLA RQ.

SARA 311/312 Hazards : No SARA Hazards

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302 Reportable Quantity : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

This material does not contain any components with a SARA 302 RQ.

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SARA 304 Extremely
Hazardous Substances
EHS RQ.

: This material does not contain any components with a section 304

SARA 313 Components : 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 7Title III, Section 313.

SECTION 15 :: OTHER INFORMATION

Further information

HMIS Classification :

Health hazard: 0

Flammability: 0

Physical hazards: 0

NFPA Classification :

Health hazard: 0

Fire Hazard: 0

Reactivity Hazard: 0

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