

Bioindustrial Services
MCC license No
0000000546-6

EC Directive 1272/2008

MATERIAL SAFETY DATA SHEET

CLARITEA HAND SANITIZER

1. SUBSTANCE AND COMPANY IDENTIFICATION

Substance Identification: Claritea Hand Sanitizer Gel

2. COMPOSITION AND INGREDIENTS

COMPONENT

E/EC No

CHEMICAL DESCRIPTION:

| | |
|--------------------------------------|---------------------|
| Denatured Ethanol- Concentration 70% | EC No: 200-578-6 |
| Tea Tree Oil | |
| Carboxymethyl cellulose(Tylose) | E466 |
| Phenoxyethanol | EC No:1907/2006 |
| Denatured Ethanol | CAS No.- 64-17-5 |
| Tea Tree Oil | Cas No – 68647-73-4 |
| Tylose | CAS No-9000-11-7 |
| Phenoxyethanol | CAS No- 122-99-6 |

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3. HAZARDS

Hand sanitizer gel is white opaque viscous liquid with a faint odor.

| | |
|------------------------------------|--|
| Hazard Description: | Not classified as a hazardous substance |
| Emergency Overview: | Moderately irritating, to eyes |
| Routes of entry: | Eyes, inhalation and ingestion. |
| Chronic health effects: | None |
| Occupational Exposure Limit (OEL): | Not Specified. |

4. FIRST AID

| | |
|--------------------------|---|
| Eye Contact : | Immediately irrigate with water holding eye open if necessary. Seek medical attention. |
| Inhalation : | Remove patient to fresh air. Keep patient warm and at rest. Apply oxygen or artificial respiration if needed. |
| Ingestion : | Do not induce vomiting. Give copious quantities of water to drink. Get medical assistance. |
| Further Medical Advice : | Moderately harmful by ingestion, inhalation and eye contact. No known systemic effects. No specific antidotal treatment, symptomatic support required. No known delayed effects apart from consequence of local tissue damage. |

5. FIRE FIGHTING

| | |
|--|---|
| Flash Point: | None |
| Would any material saturated with this Product be subject to spontaneous Combustion? | NO |
| Fire Extinguishing Data: | Slightly flammable. |
| Fire Fighting Protective Equipment: | Wear a breathing apparatus and full protective clothing. |
| Unusual Fire and Explosive Hazards: | None |
| Hazard Ratings: Health: 1 Fire: 2 Reactivity: 0 | |
| Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe | |

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: **Wear full protective clothing**
Neutralizing Chemicals: **Inert Absorbing material**

7. HANDLING AND STORAGE

Handling :
Do not breath vapors, keep away from open flames.

Storage :
Keep containers tightly closed in a cool well ventilated place.

8. PHYSICAL AND CHEMICAL PROPERTIES.

The data provided in this section are to be used for product safety handling purposes.
Please refer to Product Data Sheets, Certificates of Conformity or Certificates of Analysis
for chemical and physical data for determinations of quality and for formulation purposes.

Appearance: Opaque gel
Odor: Slight lemon odor.
Physical State: Liquid
pH: 9.7
Vapor Pressure: Not available.
Vapor Density: Not available
Melting Point: Not applicable.
Solubility (H₂O): Partially soluble in water at 25 C
Boiling point:74⁰ C
Viscosity:25cP
Density:0.87

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9. STABILITY AND REACTIVITY

Stability: **Stable**
Conditions to avoid: **None**
Hazardous Decomposition Products: **Carbon Dioxide**

10. TOXICOLOGY

Short term effects of over exposure when:
In contact with eyes: **Minor Irritation**
Inhaled: **Minor Irritation**
Ingested: **Mildly Irritating**
Long Term Exposure: **None**

11. ECOLOGY

Environmental Fate and Distribution

Chemical Stability Stable under normal conditions.
Heating can release hazardous gases.

Persistence and Degradation- Completely biodegradable

Toxicity
Ecotoxicity : Non

Ecotoxicity A: General Product Information
Product biodegrades quite rapidly.
Not a marine pollutant.
Food Chain Concentration Potential: None

Users should ensure that that they comply with local, provincial and national environmental legislation.

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12. DISPOSAL

Concentrated solutions may be considered corrosive. Wastes should be tested prior to disposal to determine classification.

13. TRANSPORT

Chemical transport requirements.

| | |
|--------------------------|-------------------------------|
| General recommendations: | Non Dangerous product |
| UN No. | not classified |
| Road, Air, Sea | not classified |
| Special precautions | No defined |
| EU classification | Not subject to classification |

14. REGULATION

| | |
|------------------------------|--|
| Risk Phrases : | Non |
| Safety Phrases : E | Wear suitable protective clothing, gloves, eyes and face protection (S36/37/39) |

15. OTHER

Labeling according to SA directives.

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.