

MATERIAL SAFETY DATA SHEET(MSDS)

Enactment 11.02.2020

REVISION 0

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Name of product Antibacterial Hand Sanitizing Gel

2. HAZARDS IDENTIFICATION

Classification

No data

Information pertaining to special dangers for human and environment

Potential Acute Health Effects:

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin.

Potential Chronic Health Effects:

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin.

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

No. Ingredients(INCI Name)	Volume(%)	Reference	Cas No.
1 Alcohol	62	KP	64-17-5
2 Water	To 100	KQC	7732-18-5
3 Carbomer	0.3-0.5	KQC	9003-01-4
4 Triethanolamine	0.3-0.5	KQC	102-71-6
Polyoxyethylene Hydrogenated Castor			61788-85-
5 Oil	0.3-0.5	KQC	0(generic)
6 Camellia Sinensis Leaf Extract	0.001-0.005	KQC	84650-60-2
7 Glycerin	0.001-0.005	KQC	56-81-5
8 Tocopheryl Acetate	0.001-0.005	KQC	7695-91-2

4. FIRST AID MEASURES

General information

Not applicable.

In case of inhalation

Not applicable.

In case of skin contact

Not applicable.

In case of eye contact

Immediately irrigate thoroughly with water for at least 15 minutes. Remove contact lenses if easy to do.

In case of ingestion

Obtain medical attention.

5. FIRE-FIGHTING MEASURES Suitable extinguishing media

When extinguishing material related this, use alcohol foam, CO2 or water spray. When extinguishment by smothering, use dry sand or dust.

Extinguishing media which must not be used for safety reasons

Volatile substance.

Special hazards arising from the substance or mixture

Containers may explode when heated.

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Some can be burned but not igniting easily.

It can start a fire irritating, corrosive and toxic gases.

Special protective equipment for fire-fighters

Please extinguish by keeping a safe distance outside the area.

If safe to do so, remove container from the path of fire.

Additional information

Not applicable.

6. ACCIDENTAL RELEASE MEASURES Personal precautions

Not applicable.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

Small spills: Using a non-combustible material and absorb.

For subsequent disposal, Collect the spilled material to a suitable container

Large spills: Isolate the exposed area and Control the access to non-parties.

For treatment of leaking material, manage the construction of the embankment.

Avoid in low, leaning against wind.

7. HANDLING AND STORAGE Advice on safe handling

Not applicable.

Advice on protection against fire and explosion

Not applicable.

Further information on storage conditions

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION Additional advice on system design

Not applicable.

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Respiratory protection

Not applicable.

Eye protection

Not applicable.

Skin protection

Not applicable.

General protective measures

Not applicable.

Hygiene measures

Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Colorless transparent gel

pH: 7.0 - 9.0

Odor : Characteristic

Solubility : Not applicable

Vapor pressure : Not applicable

Initial boiling point : Not applicable

Relative density : 0.85 - 0.95

Flash Point: 20.6°C- closed cup

Melting point/freezing point: Not applicable

Odor threshold : Not applicable

Vapor density : Not applicable

10. STABILITY AND REACTIVITY

Conditions to avoid

Not Applicable.

Materials to avoid

Not Applicable.

Thermal decomposition

Not Applicable.

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11. TOXICOLOGICAL INFORMATION

Acute toxicity/irritability/Sensitization

Not Applicable.

12. ECOLOGICAL INFORMATION General regulation

Not Applicable.

13. DISPOSAL CONSIDERATIONS General information

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. TRANSPORT INFORMATION

Transport/further information

UN No.: 1170

UN proper Shipping Name : Ethanol solution(ETHYL ALCOHOL SOLUTION)

Hazard Class in Transportation : 3

Container grade: III

Marine pollutant : Not applicable.

Special safety measures you need or need to know about transportation Emergency measures in case of fire : F-E Emergency measures in case of spill : S-D

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture no additional relevant information