

HAND RUB Alcohol Based Instant Hand Sanitizer



Material Safety Data Sheet

IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Trade Name	Hand Rub
Intended Use	Hand Sanitizer
Company Name	Cleantek Energy Pvt Ltd 8/1B Chowringhee Lane, Kolkata 700016
Emergency Information	Phone : 033-40159494 / 9495

(1) Composition / Information of ingredients

Component	%	CAS No
Ethanol	65 - 75	64-17-5
Glycerin	0.5 - 3	56-81-5

(2) Hazards Identification

Inhalation	May cause irritation of the respiratory tract (nose, mouth, mucous membranes)
Ingestion	Ingestion may cause irritation to mucous membranes. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea
Skin Contact	May cause allergic skin reaction.
Eye Contact	Direct eye contact may cause irritation

(3) First Aid Measures

Inhalation	Remove to fresh air. Consult Doctor
Ingestion	Do not induce vomiting. Give plenty of milk or water. Consult Doctor.
Eye Contact	Flush with clean water for minimum 15 minutes. Consult Doctor.
Skin Contact	Remove contaminated clothing. Wash with copious soap and water. Apply skin cream.



(4) Fire Fighting Measures

Extinguishing Media	Flammable liquid. Use Water jet, Dry powder, CO2, Earth, Sand, Foam.
Special Fire Fighting procedures	Wear self contained breathing apparatus, Full protective clothing. Spray drums with Water to keep cool.
Unusual Fire & Explosion Hazards	Only water jet may be inefficient

(5) Accidental Release Measures / Spills and Leaks

Steps to be taken in case material is released or spilled	Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use personal protective equipment. Ensure adequate ventilation. Soak up with inert absorbent material. Take up mechanically. Put into suitable containers. Prevent from entering water courses
--	---

(6) Handling and Storage

Precautions for safe handling	Keep in tightly closed container in cool dry area away from all sources of ignition, heat, sparks or flames
Other precautions	Store away from combustible items and food stuffs in well ventilated space

(7) Exposure Controls / Personal Protection

Respiratory Protection (Type)	Self contained breathing apparatus if in enclosed spaces. Otherwise, not normally required.
--------------------------------------	---

(8) Ventilation

Local Exhaust	Ensure adequate ventilation to comply with OEL.
Protective Gloves	Latex, Nitrile
Eye Protection	Safety goggles



(9) Physical and Chemical Properties

Appearance	Clear Liquid
Odour	Typical citrus odour
pH	N/A
Boiling Point/Boiling range °C	N/A
Specific Gravity	0.8
Vapour pressure(MM mercury)	N/A
Melting Point /Freezing point	N/A
Water Solubility	Soluble
Viscosity	N/A
Percentage Volatile by volume	70
Evaporation Rate (Butyl Acetate=1)	N/A
Flash Point °C	23
Lower Explosive limits	N/A
Upper Explosive limits	N/A

(10) Stability and Reactivity

Stability	Stable under normal conditions
Conditions to avoid	Flames, High temperatures, any ignition source
Incompatibility/Materials to avoid	None known
Hazardous Decomposition Products	Oxides of carbon
Hazardous Polymerization	None

(11) Toxicological Information

No information available

(12) Ecological Information

No data. The environmental impact of this product has not been fully investigated.

(13) Disposal Consideration

Hazardous waste. Dispose according to local regulations. Do not re-use empty containers. Empty containers pose a potential fire hazard.



(14) Transport Information

Class	Product is not regulated by Dept of Transportation
Packaging Group	III
Classification Code	N/A
Hazard Ident. Number	N/A
UN Number	1170
RID-ADR	3
HI	N/A
Label	N/A
Technical Name	Alcohol Hand Sanitizer

(15) Regulatory Information (Risk and Safety Phrases)

R10	N/A
R40/21	N/A
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S24	N/A
S36/37/39	Wear suitable protective clothing, gloves and eye / face protection

(16) Other Health and Safety information

Recommended uses and restrictions: See below

Source of key information used to compile SDS, CHIP regulations 1994. EH40

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used

NOTE

The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties

