

K & L PROJECTS (PTY)LTD

1703 Starling Street

Lenasia South, Ext 1

Johannesburg

Phone: 011 849 8751 / 011 211 1847

Fax: 011 855 6296

Cell: 082 852 7637

Email: klprojects@telkomsa.net

177 Jan Hoffmeyer Road

Westville

Durban

Cell: 082 852 7637

Fax: 011 855 6296

HAND SANITISER

Safety Data Sheet

Date of issue: 26/03/2020

SECTION 1 – PRODUCT IDENTIFIER

Product Name:	70% ALCOHOL HAND SANITIZER
Recommended use:	Hand sanitizer
Type of product:	Biocide
Product dilution information:	Product is sold ready to use.
Issuing date:	26/03/2020

SECTION 2 – HAZARD(S) IDENTIFICATION

GHS Classification: Flammable liquids

Category 3: Eye irritation

K & L PROJECTS (PTY)LTD

Category 2B



GHS Label Element

Hazards pictograms

Signal Word: Warning

Hazard Statements: Flammable liquid and vapor. Causes eye irritation.

Precautionary Statements:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Keep container tightly closed

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue

rinsing. If eye irritation persists: Get medical advice/attention.

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container to an approved waste disposal plant.

K & L PROJECTS (PTY)LTD

Section 3: Compositions/Information

of Ingredients

Pure: Mixture
substance/mixture

Chemical Name	CAS-No.	Concentration (%)
ETHANOL	64-17-5	65- 70

Ingredients

determined to be Balance
non-hazardous

SECTION 4 – FIRST AID MEASURES

In case of eye contact: Flush eyes under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, seek medical/advice attention.

In case of skin contact: If irritation persists, wash with water.

If ingested: Contact a physician or Poison Control Centre immediately. Do not induce vomiting never give anything by mouth to an

K & L PROJECTS (PTY)LTD

If inhaled:	unconscious person. Get medical attention if symptoms occur.
Protection of first-aiders:	No special precautions are necessary
Notes to physicians:	Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	High volume water jet.
Specific hazards during firefighting:	Fire Hazard. Keep away from heat sources of ignition. Flash back possible over considerable distance. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Hazardous combustions products:	Carbon oxides
Special protective equipment for fire-fighters	Use personal protective equipment.
Specific extinguishing methods:	Use water spray to cool unopened containers. Fire residues and

K & L PROJECTS (PTY)LTD

contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion, do not breathe fumes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions:

Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Section 7 and 8.

Environmental precautions:

Do not allow contact with soil, surface or ground water.

Methods of cleaning up:

Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material (e.g., sand earth, diatomaceous earth, vermiculite) and place in container for disposal according to local, state, and federal regulations (See Section 13). Flush away traces

K & L PROJECTS (PTY)LTD

with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7 – HANDLING AND STORAGE

Handling:

Avoid contact with eyes. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

Keep away from fire, sparks and heated surfaces. Wash hands thoroughly after handling. Use only with adequate ventilation.

Storage:

Keep away from heat and sources of ignition. Keep in a cool, wellventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

Storage temperature:

0 degree C to 45 degree C

SECTION 8 – PHYSICAL AND CHEMICAL PROPERTIES

Material Family:

Organic

K & L PROJECTS (PTY)LTD

Material Base Units: Litres
Form: Liquid
Colour: Blue
Odour: Alcohol
Solubility: Miscible in water

SECTION 9 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control parameters.	CAS-No.	Form of Exposure	Permissible Concentration	Basis
Ingredients ETHANOL	64-17-5	TWA	1000 ppm	ACGIH STEL

Engineering measures: Good general ventilation should be sufficient to control workers exposure to airborne contamination.

Personal protection Eyes : Eye protection should be used when splashing may occur.

Hands: No protective equipment is needed under normal use.

Skin: No protective equipment is needed under normal use.

Respiratory: No protective equipment is

K & L PROJECTS (PTY)LTD

needed under normal use.

SECTION 10 – PHYSICAL AND CHEMICAL

PROPERTIES

Appearance: Clear gel

Upper/lower flammability limits: N/A

Odor:

Alcoholic odor Vapor pressure: N/A

Odor Threshold: No data available

Vapor density: N/A

ph: 7.5 typical

Relative density: No data available.

Melting point/freezing point: N/A

Solubility (ies): No data available.

Initial boiling and boiling range: N/A

Partition coefficient: n-octanol/water: No data available.

Flash point: 77 F; 25 C

Auto ignition temperature: N/A

Evaporation rate: <1

Decomposition temperature: No data available.

Flammability (solid, gas): No data available

Viscosity: 70,000 CPS @ 77 F; 25 C

SECTION 11 – STABILITY AND REACTIVITY

Stability:

The product is stable under normal conditions.

Possibility of hazardous:

No dangerous reaction is

Reactions

known under conditions of normal use.

Conditions to avoid:

Heat, flames, and sparks.

Incompatible materials:

None known.

Hazardous decomposition products:

Carbon oxides

K & L PROJECTS (PTY)LTD

SECTION 12 – TOXICOLOGICAL INFORMATION

Information on likely routines of:

Inhalation, eye contact, skin contact.

Exposure

Potential Health Effects

Eyes:

Cause of irritation.

Skin:

Health injuries are not known or expected under normal use.

Ingestion:

Health injuries are not known or expected under normal use.

Inhalation:

Health injuries are not known or expected under normal use.

Chronic exposure:

Health injuries are not known or expected under normal use.

Experience with Human Exposure

Eye contact:

Redness, irritation.

Skin contact:

No symptoms known or expected.

Ingestion:

No symptoms known or expected.

Inhalation:

No symptoms known or expected.

Toxicity

Acute oral toxicity:

No data available

Acute inhalation toxicity:

No data available

Acute dermal toxicity:

No data available

Skin corrosion/irritation:

No data available

K & L PROJECTS (PTY)LTD

Serious eye damage/eye irritation:

Mild eye irritation.

Respiratory or skin sensitization:

No data available.

SECTION 13 – ECOLOGICAL INFORMATION

Ecological Tests:

Data is not available.

Environmental Impact:

The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

SMALL SPILLS Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

SECTION 14 – DISPOSAL CONSIDERATIONS

Disposal methods:

The product should not be allowed to enter drains, water courses or

K & L PROJECTS (PTY)LTD

the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.

Dispose of wastes in an approved waste disposal facility.

Dispose of as unused product.

Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

Disposal considerations:

Persistence and degradability:

The product is readily biodegradable.

SECTION 15 – IDENTIFICATION OF HAZARDS

NFPA 704:



HMIS III: [Hazardous Materials Identification System]

K & L PROJECTS (PTY)LTD

HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARDS	0

SECTION 16 - OTHER INFORMATION

Reason for issue: Format change

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorized use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.