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SDS

Common Name: HAND SANITIZER GEL

Manufacturer: GLOBAL TRADING

SDS Revision Date: 5/4/2020

SDS Format: GHS-US

Item Number(s): 60EG20

Manufacturer Model Number(s):

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LTD GLOBAL TRADING

SAFETY DATA SHEET

HAND SANITIZER GEL

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: HAND SANITIZER GEL

OTHER MEANS OF IDENTIFICATION: NOT APPLICABLE

RECOMMENDED USE: SKIN ANTISEPTIC

RESTRICTIONS ON USE: RESERVED FOR INDUSTRIAL AND PROFESSIONAL USE.

PRODUCT DILUTION INFORMATION: PRODUCT IS SOLD READY TO USE.

COMPANY:

LTD GLOBAL TRADING

P.O. BOX 8616

LA CRESCENTA, CA 91224

UNITED STATES

EMERGENCY HEALTH INFORMATION:
CHEMTREC: +1 (702) 527-3887 / +1 (800) 424-9300

ISSUING DATE: 05/04/2020

SECTION 2. HAZARDS IDENTIFICATION



GHS CLASSIFICATION:
FLAMMABLE LIQUIDS: CATEGORY 3
EYE IRRITATION: CATEGORY 2A

GHS LABEL ELEMENTS:

HAZARD PICTOGRAMS:
FLAM
EXCLAMATION MARK

SIGNAL WORD: WARNING

HAZARD STATEMENTS:
FLAMMABLE LIQUID AND VAPOR.
CAUSES SERIOUS 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. 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.

OTHER HAZARDS: NONE KNOWN.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS



PURE SUBSTANCE/MIXTURE: MIXTURE

CHEMICAL NAME	CAS-NO.	CONCENTRATION (%)
ETHANOL	64-17-5	60 - 100

SECTION 4. FIRST AID MEASURES



IN CASE OF EYE CONTACT: RINSE WITH WATER.

IN CASE OF SKIN CONTACT: RINSE WITH WATER.

IF SWALLOWED: RINSE MOUTH. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

IF INHALED: GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

PROTECTION OF FIRST-AIDERS:

NO SPECIAL PRECAUTIONS ARE NECESSARY FOR FIRST AID RESPONDERS.

NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

SEE SECTION 11 FOR MORE DETAILED INFORMATION ON HEALTH EFFECTS AND SYMPTOMS.

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 FIRE FIGHTING:

FIRE HAZARD

KEEP AWAY FROM HEAT AND SOURCES OF IGNITION.

FLASH BACK POSSIBLE OVER CONSIDERABLE DISTANCE.

BEWARE OF VAPORS ACCUMULATING TO FORM EXPLOSIVE CONCENTRATIONS.

VAPORS CAN ACCUMULATE IN LOW AREAS.

HAZARDOUS COMBUSTION PRODUCTS:

DECOMPOSITION PRODUCTS MAY INCLUDE THE FOLLOWING MATERIALS: 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 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, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

REMOVE ALL SOURCES OF IGNITION. ENSURE CLEAN-UP IS CONDUCTED BY TRAINED PERSONNEL ONLY. REFER TO PROTECTIVE MEASURES LISTED IN SECTIONS 7 AND 8.

ENVIRONMENTAL PRECAUTIONS:

DO NOT ALLOW CONTACT WITH SOIL, SURFACE OR GROUND WATER.

METHODS AND MATERIALS FOR CONTAINMENT AND 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 / NATIONAL REGULATIONS (SEE SECTION 13). FLUSH AWAY TRACES 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



ADVICE ON SAFE HANDLING:

KEEP AWAY FROM FIRE, SPARKS AND HEATED SURFACES. TAKE NECESSARY ACTION TO

AVOID STATIC ELECTRICITY DISCHARGE (WHICH MIGHT CAUSE IGNITION OF ORGANIC VAPORS). OPEN DRUM CAREFULLY AS CONTENT MAY BE UNDER PRESSURE.

CONDITIONS FOR SAFE STORAGE:

KEEP AWAY FROM HEAT AND SOURCES OF IGNITION. KEEP IN A COOL, WELL-VENTILATED PLACE. KEEP AWAY FROM OXIDIZING AGENTS. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY CLOSED. STORE IN SUITABLE LABELED CONTAINERS.

STORAGE TEMPERATURE: 0 DEG. C TO 30 DEG. C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION



INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS:

INGREDIENTS	CAS-NO.	FORM OF EXPOSURE	PERMISSIBLE CONCENTRATION	BASIS
ETHANOL	64-17-5	TWA	1,000 PPM 1,900 MG/M3	NIOSH REL
		TWA	1,000 PPM 1,900 MG/M3	OSHA Z1

ENGINEERING MEASURES:

GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL WORKER EXPOSURE TO AIRBORNE CONTAMINANTS.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED.

HAND PROTECTION: NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED.

SKIN PROTECTION: NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED.

RESPIRATORY PROTECTION:

NO PERSONAL RESPIRATORY PROTECTIVE EQUIPMENT NORMALLY REQUIRED.

HYGIENE MEASURES: NO SPECIFIC MEASURES IDENTIFIED.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES



APPEARANCE: GEL

COLOR: CLEAR, COLORLESS OR SLIGHTLY TURBID

ODOR: ALCOHOL-LIKE

PH: 6.0 - 7.5, (100%)

FLASH POINT: 23 DEG. C CLOSED CUP

ODOR THRESHOLD: NO DATA AVAILABLE

MELTING POINT/FREEZING POINT: NO DATA AVAILABLE

INITIAL BOILING POINT AND BOILING RANGE: NO DATA AVAILABLE

EVAPORATION RATE: NO DATA AVAILABLE

FLAMMABILITY (SOLID, GAS): NO DATA AVAILABLE

UPPER EXPLOSION LIMIT: NO DATA AVAILABLE

LOWER EXPLOSION LIMIT: NO DATA AVAILABLE
VAPOR PRESSURE: NO DATA AVAILABLE
RELATIVE VAPOR DENSITY: NO DATA AVAILABLE
RELATIVE DENSITY: 0.88 - 0.90
WATER SOLUBILITY: SOLUBLE
SOLUBILITY IN OTHER SOLVENTS: NO DATA AVAILABLE
PARTITION COEFFICIENT N-OCTANOL/WATER: NO DATA AVAILABLE
AUTOIGNITION TEMPERATURE: NO DATA AVAILABLE
THERMAL DECOMPOSITION: NO DATA AVAILABLE
VISCOSITY, KINEMATIC: NO DATA AVAILABLE
EXPLOSIVE PROPERTIES: NO DATA AVAILABLE
OXIDIZING PROPERTIES: NO DATA AVAILABLE
MOLECULAR WEIGHT: NO DATA AVAILABLE
VOC: NO DATA AVAILABLE

SECTION 10. STABILITY AND REACTIVITY



CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS.
POSSIBILITY OF HAZARDOUS REACTIONS:
NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.
CONDITIONS TO AVOID: HEAT, FLAMES AND SPARKS.
INCOMPATIBLE MATERIALS: NONE KNOWN.
HAZARDOUS DECOMPOSITION PRODUCTS:
DECOMPOSITION PRODUCTS MAY INCLUDE THE FOLLOWING MATERIALS: CARBON OXIDES

SECTION 11. TOXICOLOGICAL INFORMATION



INFORMATION ON LIKELY ROUTES OF EXPOSURE:
INHALATION, EYE CONTACT, SKIN CONTACT
POTENTIAL HEALTH EFFECTS:
EYES: CAUSES SERIOUS EYE 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, PAIN, IRRITATION

SKIN CONTACT: NO SYMPTOMS KNOWN OR EXPECTED.

INGESTION: NO SYMPTOMS KNOWN OR EXPECTED.

INHALATION: NO SYMPTOMS KNOWN OR EXPECTED.

TOXICITY:

PRODUCT:

ACUTE ORAL TOXICITY: NO DATA AVAILABLE

ACUTE INHALATION TOXICITY: NO DATA AVAILABLE

ACUTE DERMAL TOXICITY: NO DATA AVAILABLE

SKIN CORROSION/IRRITATION: NO DATA AVAILABLE

SERIOUS EYE DAMAGE/EYE IRRITATION: NO DATA AVAILABLE

RESPIRATORY OR SKIN SENSITIZATION: NO DATA AVAILABLE

CARCINOGENICITY: NO DATA AVAILABLE

REPRODUCTIVE EFFECTS: NO DATA AVAILABLE

GERM CELL MUTAGENICITY: NO DATA AVAILABLE

TERATOGENICITY: NO DATA AVAILABLE

STOT-SINGLE EXPOSURE: NO DATA AVAILABLE

STOT-REPEATED EXPOSURE: NO DATA AVAILABLE

ASPIRATION TOXICITY: NO DATA AVAILABLE

INGREDIENTS:

ACUTE ORAL TOXICITY:

ETHANOL:

LD50 RAT: 10,470 MG/KG

INGREDIENTS:

ACUTE INHALATION TOXICITY:

ETHANOL:

4 H LC50 RAT: 117 MG/L

TEST ATMOSPHERE: VAPOR

INGREDIENTS:

ACUTE DERMAL TOXICITY:

ETHANOL:

LD50 RABBIT: >15,800 MG/KG

SECTION 12. ECOLOGICAL INFORMATION



ECOTOXICITY:

ENVIRONMENTAL EFFECTS:

THIS PRODUCT HAS NO KNOWN ECOTOXICOLOGICAL EFFECTS.

PRODUCT:
TOXICITY TO FISH: NO DATA AVAILABLE
TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES: NO DATA AVAILABLE
TOXICITY TO ALGAE: NO DATA AVAILABLE

INGREDIENTS:

TOXICITY TO FISH:

ETHANOL:
96 H LC50 PIMEPHALES PROMELAS: >100 MG/L

PERSISTENCE AND DEGRADABILITY: NO DATA AVAILABLE

BIOACCUMULATIVE POTENTIAL: NO DATA AVAILABLE

MOBILITY IN SOIL: NO DATA AVAILABLE

OTHER ADVERSE EFFECTS: NO DATA AVAILABLE

SECTION 13. DISPOSAL CONSIDERATIONS



DISPOSAL METHODS:
WHERE 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.

DISPOSAL CONSIDERATIONS:
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. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND
FEDERAL REGULATIONS.

RCRA - RESOURCE CONSERVATION AND RECOVERY AUTHORIZATION ACT HAZARDOUS
WASTE: D001 (IGNITABLE)

SECTION 14. TRANSPORT INFORMATION



THE SHIPPER/CONSIGNOR/SENDER IS RESPONSIBLE TO ENSURE THAT THE PACKAGING,
LABELING, AND MARKINGS ARE IN COMPLIANCE WITH THE SELECTED MODE OF
TRANSPORT.

LAND TRANSPORT (DOT):
UN NUMBER: 1170
DESCRIPTION OF THE GOODS: ETHANOL SOLUTIONS
CLASS: 3
PACKING GROUP: III
ENVIRONMENTALLY HAZARDOUS: NO

SEA TRANSPORT (IMDG/IMO):
UN NUMBER: 1170
DESCRIPTION OF THE GOODS: ETHANOL SOLUTION
CLASS: 3
PACKING GROUP: III
MARINE POLLUTANT: NO

SECTION 15. REGULATORY INFORMATION



EPCRA - EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW:

CERCLA REPORTABLE QUANTITY:

THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A CERCLA RQ.

SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:
THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A SECTION 304 EHS RQ.

SARA 311/312 HAZARDS:
FLAMMABLE (GASES, AEROSOLS, LIQUIDS, OR SOLIDS)
SERIOUS EYE DAMAGE OR EYE IRRITATION

SARA 302:
THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A SECTION 302 EHS TPQ.

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 TITLE III, SECTION 313.

CALIFORNIA PROP. 65:
THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF
CALIFORNIA TO CAUSE CANCER, BIRTH, OR ANY OTHER REPRODUCTIVE DEFECTS.

THE INGREDIENTS OF THIS PRODUCT ARE REPORTED IN THE FOLLOWING INVENTORIES:

1907/2006 (EU): NOT DETERMINED

SWITZERLAND. NEW NOTIFIED SUBSTANCES AND DECLARED PREPARATIONS:
NOT DETERMINED

UNITED STATES TSCA INVENTORY: ON TSCA INVENTORY

CANADIAN DOMESTIC SUBSTANCES LIST (DSL):
ALL COMPONENTS OF THIS PRODUCT ARE ON THE CANADIAN DSL

AUSTRALIA INVENTORY OF CHEMICAL SUBSTANCES (AICS):
ON THE INVENTORY, OR IN COMPLIANCE WITH THE INVENTORY

NEW ZEALAND. INVENTORY OF CHEMICAL SUBSTANCES:
ON THE INVENTORY, OR IN COMPLIANCE WITH THE INVENTORY

JAPAN. ENCS - EXISTING AND NEW CHEMICAL SUBSTANCES INVENTORY:
NOT DETERMINED

KOREA. KOREAN EXISTING CHEMICALS INVENTORY (KECI):
ON THE INVENTORY, OR IN COMPLIANCE WITH THE INVENTORY

PHILIPPINES INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES (PICCS):
NOT DETERMINED

CHINA. INVENTORY OF EXISTING CHEMICAL SUBSTANCES IN CHINA (IECSC):
ON THE INVENTORY, OR IN COMPLIANCE WITH THE INVENTORY

TAIWAN CHEMICAL SUBSTANCE INVENTORY (TCSI):
ON THE INVENTORY, OR IN COMPLIANCE WITH THE INVENTORY

SECTION 16. OTHER INFORMATION



NFPA:
HEALTH 2
FLAMMABILITY 3
INSTABILITY 0
SPECIAL HAZARD.

HMIS III:
HEALTH 2
FLAMMABILITY 3

PHYSICAL HAZARD 0

0 = NOT SIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH
4 = EXTREME
* = CHRONIC

VERSION: 0

PREPARED BY: QUALITY ASSURANCE

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