

SECTION 1. IDENTIFICATION

Product Name: Hand Sanitizer IPA 75%
Product Code: 3277
SDS Date: 2020-01-20
NDC: 75812-750

Intended Use

This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.

Purpose

Antiseptic, Hand Sanitizer

Manufacturer Details



Smark Company
8636 Otis St, South Gate CA, 90280
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Product Information: +1(323)268-8184

Fax: +1(323)268-8158

Transportation emergency (CHEMTREC):

1-800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Classification

Flammable Liquids (Category 3)

Eye irritation (Category 2A)

GHS Labeling

Pictograms



Signal word: Warning

Hazard statements

H226 Flammable Liquid and Vapor

H319 Causes serious eye irritation.

Precautionary statements

P210 Keep away from heat / sparks / open flames / hot surfaces. - No smoking.

P233 Keep container tightly closed.

P241 Use explosion-proof electrical / ventilating / lighting / equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

Precautionary Statements - Response

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Precautionary Statements - Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.

Other Hazards

Vapors may form explosive mixture with air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

CAS-No	Chemical Name	Concentration
67-63-0	Isopropanol Alcohol	>= 75% - < 80%
56-81-5	Glycerol	>= 2% - < 5%
7772-84-1	Hydrogen Peroxide	>= 1% - < 2%
7732-18-5	Water	>= 15% - < 20%

Any concentration shown as a range is due to batch variation.

SECTION 4. FIRST AID MEASURES

GENERAL ADVICE: In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.

EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.

SKIN CONTACT: Wash skin with soap and water. Get medical attention if symptoms occur.

INHALATION: Remove to fresh air. If symptoms persist, call a physician, and get medical attention immediately if symptoms occur.

INGESTION: Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

Most Important Symptoms and Effects: Causes serious eye irritation.

NOTES TO PHYSICIAN

Treat symptomatically and supportively.

PROTECTION OF FIRST-AIDERS

First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.

SECTION 5. FIREFIGHTING MEASURES

Suitable Extinguishing Media

1. Water spray
2. Alcohol-resistant foam
3. Dry chemical
4. Carbon dioxide (CO₂)

Unsuitable extinguishing media

High volume water jet

Specific hazards arising from the chemical

Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health.

Hazardous Combustion Products

Carbon oxides.

Specific extinguishing methods

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal precautions

Remove all sources of ignition. Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

ENVIRONMENTAL PRECAUTIONS

Environmental precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapors/mists with a water spray jet. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate

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container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Do not eat, drink or smoke when using this product.

Technical Measures

See Engineering measures under EXPOSURE CONTROLS / PERSONAL PROTECTION section.

Local/Total Ventilation

Use with local exhaust ventilation. Use only in an area equipped with explosion proof exhaust ventilation.

Advice on Safe Handling

Do not breathe vapors or spray mist. Do not swallow. Do not get in eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice. Non-sparking tools should be used. Keep container tightly closed. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the environment.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage

Keep in properly labeled containers. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the national regulations. Keep away from heat and sources of ignition.

Incompatible Products (Material to Avoid)

Do not store with the following product types:

- Strong oxidizing agents
- Organic peroxides
- Flammable solids
- Pyrophoric liquids
- Pyrophoric solids
- Self-heating substances and mixtures
- Substances and mixtures which in contact with water emit flammable gases
- Explosives
- Gases

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

CAS-No	Chemical Name	Source	Time	Type	Value
67-63-0	Isopropanol Alcohol	ACGIH 200 pm 4A ACGIH 400 ppm	None	None	TWA STELL

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

RESPIRATORY EXPOSURE CONTROLS

Maintain airborne contaminant concentrations below exposure limits given above. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134, European Standard EN 149, or applicable State regulations. If adequate ventilation is not available or there is potential for airborne exposure above the exposure limits, a respirator may be worn up to the respirator exposure limitations, check with respirator equipment manufacturer's recommendations/limitations. For a higher level of protection, use positive pressure supplied air respiration protection or Self-Contained Breathing Apparatus or if oxygen levels are below 19.5% or are unknown.

EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS OR IDLH CONDITIONS

Positive pressure, full-face piece Self-Contained Breathing Apparatus; or positive pressure, full-face piece Self-Contained Breathing Apparatus with an auxiliary positive pressure Self-Contained Breathing Apparatus.

VENTILATION

LOCAL EXHAUST:	NECESSARY	MECHANICAL (GENERAL)	NECESSARY
Special	None	Other	None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

EYE PROTECTION

Splash goggles or safety glasses. Face-shields are recommended when the operation can generate splashes, sprays or mists.

HAND PROTECTION

Wear appropriate impervious gloves for routine industrial use. Use impervious gloves for spill response, as stated in Section 6 of this SDS (Accidental Release Measures).

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

HAND PROTECTION

Material

Impervious gloves. Flame retardant gloves.

Remarks

Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

EYE PROTECTION

Wear the following personal protective equipment: Safety goggles

SKIN AND BODY PROTECTION

Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Wear the following personal protective equipment: Flame retardant antistatic protective clothing. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

HYGIENE MEASURES

Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear
Physical state	Liquid
Color	None
Odor	No data available
Odor Threshold	No data available

Property	Values
pH	6.5 ~ 7.5
Melting / freezing point	No data available
Boiling point / boiling range	70 °C
Flash Point	25 °C
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Flammability Limit in Air	No data available
Upper flammability limit	No data available
Lower flammability limit	No data available
Vapor pressure	No data available
Vapor density	No data available
Specific Gravity	No data available
Density	0.8750 g/cm3
Water Solubility	Soluble
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	Is not classified
Kinematic viscosity	3,500 – 23,000 mm2/s
Dynamic viscosity	No data available
Explosive properties	Not explosive
Oxidizing properties	Is not classified

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not classified as a reactivity hazard.

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

Flammable liquid and vapor.
Vapors may form explosive mixture with air.
Can react with strong oxidizing agents.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Oxidizing agents.

Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

SWALLOWING: Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

INGESTION: Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful. Breathing vapor can cause irritation. Acute overexposure can cause harm to kidneys, blood, nerves, liver, lungs.

EYE/SKIN CONTACT: Primary irritation to skin, defatting, dermatitis. Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED

Chronic overexposure can cause harm to kidneys, blood, nerves, liver, and lungs. Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

IRRITANCY OF PRODUCT: This product is irritating to contaminated tissue.

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SENSITIZATION TO THE PRODUCT: No component of this product is known to be a sensitizer.

MUTAGENICITY: This product is not reported to produce mutagenic effects in humans.

EMBRYOTOXICITY: This product is not reported to produce embryo toxic effects in humans.

TERATOGENICITY: This product is not reported to produce teratogenic effects in humans.

REPRODUCTIVE TOXICITY: This product is not reported to cause reproductive effects in humans.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (such as: within the eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

MAMMALIAN TOXICITY INFORMATION

MATERIAL: Isopropanol

CAS#: 67-63-0

EINECS#: 200-661-7

LOWEST KNOWN LETHAL DOSE DATA:

LOWEST KNOWN LD50 (ORAL) 5840.0 mg/kg(Rats)

MATERIAL: Isopropanol

CAS#: 67-63-0

EINECS#: 200-661-7

LOWEST KNOWN LC50 (VAPORS)

1600 ppm (Rats)

MATERIAL: Isopropanol

CAS#: 67-63-0

EINECS#: 200-661-7

LOWEST KNOWN LD50 (SKIN)

16400.0 mg/kg (Rabbits)

SECTION 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION. EFFECT OF MATERIAL ON PLANTS OR ANIMALS:

This product may be harmful or fatal to plant and animal life if released into the environment. Refer to Section 11 (Toxicological Information) for further data on the effects of this product's components on test animals.

EFFECT OF MATERIAL ON AQUATIC LIFE:

The most sensitive known aquatic group to any component of this product is: Chub 1000 ppm or mg/L (24 hour exposure). Keep out of sewers and natural water supplies.



MOBILITY IN SOIL

This material is a mobile liquid.

DEGRADABILITY

This product is completely biodegradable.

ACCUMULATION

This product does not accumulate or biomagnify in the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging

Do not reuse empty containers. Dispose of in accordance with federal, state and local regulations.

Processing use or contamination may change the waste management options. Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws. If in doubt, contact appropriate agencies.

Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

International transport regulations:

IMDG (Sea transport)

UN number: 1219
Proper shipping name: Isopropanol Alcohol Solution
Hazard Class: 3
Subsidiary Hazard Class: Not applicable.
Packing group: II
Regulation: Water Transportation

ICAO/IATA (Air transport)

UN number: 1219
Proper shipping name: Isopropanol Alcohol Solution
Hazard Class: 3
Subsidiary Hazard Class: Not applicable.
Packing group: II
Regulation: Air Transportation

DOT (USA)

UN number: 1219
Proper shipping name: Isopropanol Alcohol Solution
Hazard Class: 3
Subsidiary Hazard Class: Not applicable.
Packing group: II
Regulation: Land Transportation

TDG (CANADA)

UN number: 1219
Proper shipping name: Isopropanol Alcohol Solution

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Hazard Class: 3
Subsidiary Hazard Class: Not applicable.
Packing group: II
Regulation: Land Transportation

UNRTDG

UN number: 1219
Proper shipping name: Isopropanol Alcohol Solution
Hazard Class: 3
Subsidiary Hazard Class: Not applicable.
Packing group: II

Domestic Regulation

49CFR

UN number: 1219
Proper shipping name: Isopropanol Alcohol Solution
Hazard Class: 3
Subsidiary Hazard Class: Not applicable.
Packing group: II
Labels: FLAMMABLE LIQUID
ERG Code: 127
Marine Pollutant: No

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.

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

Fire Hazard
Acute Health Hazard

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

The following components are subject to reporting levels established by SARA Title III, Section 313:

CAS-No	Chemical Name	Concentration
67-63-0	Isopropanol Alcohol	3.4086 %

US State Regulations

Pennsylvania Right To Know

CAS-No	Chemical Name	Concentration
67-63-0	Isopropanol Alcohol	>= 75% - < 80%
7732-18-5	Water	>= 30% - < 50%

New Jersey Right to Know

CAS-No	Chemical Name	Concentration
67-63-0	Isopropanol Alcohol	>= 75% - < 80%
7732-18-5	Water	>= 30% - < 50%

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:

AICS: All ingredients listed or exempt.

Inventories

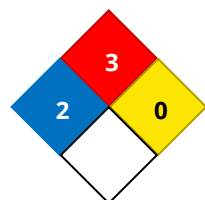
AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), NECSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

HMIZ HAZARD ID

HEALT HAZARD	2
FLAMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA



HAZARD RATING:
0 – Minimal
1 – Slight
2 – Moderate
3 – Serious
4 – Severe
RNP - Rating not possible
*Chronic health effect

FLAMMABILITY
HEALTH
REACTIVITY
SPECIAL HAZARD

HMIS Letter	Required Equipment
A	Safety glasses
B	Safety glasses, gloves
C	Safety glasses, gloves, protective apron
D	Face shield, gloves, protective apron
E	Safety glasses, gloves, dust respirator
F	Safety glasses, gloves, protective apron, dust respirator
G	Safety glasses, gloves, vapor respirator.
H	Splash glasses, gloves, protective apron, vapor respirator
I	Safety glasses, gloves, dust respirator, vapor respirator
J	Safety glasses, gloves, protective apron, dust respirator, vapor respirator.
K	Air line mask or hood, gloves, full suit, boots

PREPARED BY:

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CREATED BY: Omar Villalobos

REVISION DATE: 04/01/2020

NEXT REVISION DATE: 04/01/2022

REVISION NOTE: No information available.

DISCLAIMER:

Smark Company expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information refer to a product specification sheet and/or a certificate of analysis. These can be obtained from your local Smark Company sales office in California.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Smark Company makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Smark Company control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein.

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 a 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.

GLOSSARY

CGIH	American Conference of Governmental Industrial Hygienists
ADR	Accord European relative au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
AICS	Australian Inventory of Chemical Substances
AOEL	Acceptable Operator Exposure Level
AOX	Absorbable organic halogen compounds
ATE	Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EC	European Community
ECL	Existing Chemicals List
EEC	European Economic Community
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EN	European Norms
ENCS	Inventory of Existing and New Chemical Substances
ERC	Environmental Release Categories
EU	European Union
IATA	International Air Transport Associations (Transport by Air)
IECSC	Inventory of Existing Chemical Substances in China
IMCDG	International Maritime Code for Dangerous Goods (Transport by Sea)
LC	Lethal Concentration
LC50	Lethal Concentration 50 Percent Kill
LCLo	Lowest Published Lethal Concentration
LD	Lethal Dose of a Chemical

LD50	Lethal Dose, 50% Kill
LDLo	Lethal Dose Low
LQ	Limited Quantities
MARPOL	International Convention Forth Prevention of Marine Pollution from Ships
NDSL	Non-Domestic Substances List
n.a.	Not Applicable
n.c.	Not Checked
n.d.a.	No Data Available
OECD	Organization for Economic Co-Operation and Development
PC	Chemical Product Category
PICCS	Philippine Inventory of Chemicals and Chemical Substances
PROC	Process Category
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals (REGULATION (EC) No 1907/2006 Concerning the Registration, Evaluation, Authorization and Restriction of Chemicals)
REACH-IT List-No.	9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT
RID	Regalement concerning 1e transport International ferroviaire de merchandises Dangereuses (Regulation concerning the International Carriage of Dangerous Goods by Rail)
TSCA	Toxic Substances Control Act and Federal Facilities
SU	Sector of use

End of Safety Data Sheet