



Shoe spray-URIEL - Safety Data Sheet (SDS)

Section 1 – Product and Company Identification

Product Trade Name: Shoe spray-URIEL

Recommended Use: sanitizer

Supplier: S. Schwartz Ltd
P.O.Box 17172, Beer-Sheva, Israel 8424902

Telephone Fax: 972-(0)8-6466777

Hazmat Service Emergency Number: 972-523583798

Section 2 – Hazard(s) Identification

Classification: Classification according to Regulation (EC) No 1272/2008 (CLP)
flammable liquid (Flam. Liq. 2) H225
serious eye damage/eye irritation (Eye Irrit. 2) H319



Pictogram:

GHS02, GHS07

Signal Word: Danger

Hazard Statements: H225 Highly flammable liquid and vapour
H319 Causes serious eye irritation
H315 Causes skin irritation

Precautionary statements – prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

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

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Section 3 – Composition/Information on Ingredients

Component name (CAS)	%	Classification
SD Alcohol 40-B (64-17-5)	89.5	H225 Highly flammable liquid and vapor H319 Causes serious eye irritation
Water	10.0	-
Triclosan	<0.5	H400 Very toxic to aquatic life. Aquatic Chronic H410 Very toxic to aquatic life with long lasting effects.
Fragrance	<0.5	This product is not classified as hazardous according to Regulation (EC) No 1272/2008 on classification.

Section 4 – First Aid Measures

Description of first aid measures

General Advice If symptoms persist, call a physician.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eyes wide open while rinsing. If symptoms persist, call a physician.

Skin Contact If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

Inhalation Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician. Artificial respiration and/or oxygen may be necessary.

Ingestion Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Protection of First-aiders Use personal protective equipment. Remove all sources of ignition.

Most important symptoms and affects, both acute and delayed

Eyes Irritating to eyes. Contact with eyes may cause tearing or redness. Stinging. Burning sensation.

Skin May cause skin irritation. Repeated exposure may cause skin dryness or cracking. Dermal uptake of ethanol is very low.

Inhalation Inhalation of vapors in high concentration may cause irritation of respiratory system. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. In humans, ethanol is readily absorbed by the oral and inhalation routes, is distributed throughout all tissues and organs and is readily, metabolized and excreted. At exposures relevant to occupational inhalation exposure, the alcohol dehydrogenase metabolic route in the liver dominates and does not become saturated. Ethanol is not accumulated in the body.

Ingestion Ingestion may cause irritation to mucous membranes. May cause drowsiness and dizziness. Lack of coordination. Nausea. Vomiting. Abdominal pain. Unconsciousness. Very severe cases of overexposure may result in coma.

Main Symptoms Dizziness. Vomiting. Nausea. Coma

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Indication of any immediate medical attention and special treatment needed
Notes to Physician Treat symptomatically.

Section 5 – Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings water spray, foam, alcohol resistant foam, dry extinguishing powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

Special hazards arising from the substance or mixture

Combustible. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours can form explosive mixtures with air.

Hazardous combustion

products in case of fire may be liberated: carbon monoxide (CO), carbon dioxide (CO₂)

Advice for firefighters

Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Use personal protective equipment as required. Avoid contact with skin and eyes. Do not breathe vapour/spray. Removal of ignition sources.

Environmental precautions

Keep away from drains, surface and ground water. Explosive properties.

Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

Section 7 – Handling and Storage

Precautions for safe handling

Provide adequate ventilation as well as local exhaust at critical locations. Keep container tightly closed

Measures to prevent fire as well as aerosol and dust generation

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharge. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.

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Advice on general occupational hygiene

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.
When using do not smoke.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight.

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice

Ground/bond container and receiving equipment.

Ventilation requirements

Use local and general ventilation.

Specific designs for storage rooms or vessels

Recommended storage temperature: 15 – 25 °C.

Specific end use(s)

No information available

Section 8 – Exposure Controls and Personal Protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

EUROPEAN OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection Gloves suitable for permanent contact:

Material: butyl-rubber

Break through time: >480 min

Material thickness: 0.7mm

Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Flame-retardant protective clothing.

Respiratory protection

Respiratory protection necessary at: Aerosol or mist formation. Type: A (against organic gases and vapours with a boiling point of > 65 °C, colour code: Brown).

Environmental exposure controls

Keep away from drains, surface and ground water

Section 9 – Physical and Chemical Properties

Appearance: Transparent gel

Odor: according to formula

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Color: No color

pH: Not determined

Melting Point/Freezing Point: Not determined

Initial Boiling Point and Boiling Range: Not determined

Flash Point: Not determined

Evaporation Rate: Not determined

Flammability (solid, gas): Not determined

Upper/Lower Flammability or Explosive Limits: Not determined

Vapor Pressure: Not determined

Vapor Density: Not determined

Relative Density: Not determined

Solubility: Not determined

Partition Coefficient: Not determined

Auto-ignition Temperature: Not determined

Decomposition Temperature: Not determined

Viscosity: Not determined

Section 10 – Stability and Reactivity

Reactivity

Risk of ignition. Vapours can form explosive mixtures with air.

Chemical stability The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of hazardous reactions

Violent reaction with: Alkali metals, Alkaline earth metal, Acetic anhydride, Peroxides, Phosphorus oxides (e.g. P₂O₅), Strong oxidiser, Nitric acid, Nitrate, Perchlorates, => Explosive properties 10.4

Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials

plastic and rubber

Section 11 – Toxicology Information

S.D. Alcohol 40-B

Acute oral toxicity

LD50 10.470 mg/kg rat

Acute inhalation toxicity

vapour LC50 116,9 mg/l /4h rat

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Skin irritation Shall not be classified as corrosive/irritant to skin.

Eye irritation Causes serious eye irritation.

Sensitisation Shall not be classified as a respiratory or skin sensitiser

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed

nausea, vomiting, abdominal pain, causes damage to liver through prolonged or repeated exposure if swallowed

If in eyes

Causes serious eye irritation

If inhaled

vertigo, Inebriation, narcosis, breathing difficulties

If on skin

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation)

Other information

None

Section 12 – Ecological Information

Biodegradability

Readily biodegradable, according to appropriate OECD test.

Bioaccumulation

No data available

Ecotoxicity effects

acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.

Endpoint	Value	Species
LC50	15400 mg/L	Fish
EC50	>10000 mg/L	aquatic invertebrates
ErC50	22000 mg/L	algae

Section 13 – Disposal Recommendations

Waste treatment methods

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This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Sewage disposal-relevant information Do not empty into drains.

Waste treatment of containers/packagings

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Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

Section 14 – Transport Information

UN number	1170
UN proper shipping name	UN1170, Ethanol solution, 3, II
Hazardous ingredients	Ethanol
Transport hazard class(es) Class	3 (flammable liquids)
Packing group	II (substance presenting medium danger)
Environmental hazards	none (non-environmentally hazardous acc. to the dangerous goods regulations)

Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)

UN number	1170
Proper shipping name	ETHANOL
Particulars in the transport document	UN1170, ETHANOL SOLUTION, 3, II, (D/E)
Class	3
Classification code	F1
Packing group	II
Danger label(s)	3



Special provisions (SP)	144, 601
Excepted quantities (EQ)	E2

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Limited quantities (LQ)	1 L
Transport category (TC)	2
Tunnel restriction code (TRC)	D/E
Hazard identification No	33

International Maritime Dangerous Goods Code (IMDG)

UN number	1170
Proper shipping name	ETHANOL SOLUTION
Particulars in the shipper's declaration	UN1170, ETHANOL SOLUTION , 3, II, 13°C c.c.
Class	3
Marine pollutant	–
Packing group	II
Danger label(s)	3



Special provisions (SP)	144
Excepted quantities (EQ)	E2
Limited quantities (LQ)	1 L
EmS	F-E, S-D
Stowage category	A

International Civil Aviation Organization (ICAO-IATA/DGR)

UN number	1170
Proper shipping name	Ethanol solution
Particulars in the shipper's declaration	UN1170, Ethanol, 3, II
Class	3
Packing group	II
Danger label(s)	3



Special provisions (SP)	A3, A58, A180
Excepted quantities (EQ)	E2
Limited quantities (LQ)	1 L

Section 15 – Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture
Labeling according to Regulation (EC)No.1272/2008**

The product is classified and labelled according to the CLP regulations,

Hazard pictograms: GHS 02,GHS 07**Signal word danger****Hazard-determining components of labelling:****Brucine sulfate****Hazard statements**

H225 Highly flammable liquid and vapour.

H371 May cause damage to organs

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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- P102 Keep out of reach of children.
- P103 Read label before use.
- P210 Keep away from heat/sparks/open flames/hot surfaces-No smoking
- P241 Use explosion-proof electrical/ventilation/lighting/equipment.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P303+P361+P353 IF ON SKIN (or hair):Remove/Take off immediately all contaminated clothing. Rinse skin with water /shower.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/international regulations.

National regulations:

Additional classification according to Decree on Hazardous Materials, AnnexII: NA

Chemical safety assessment: A chemical Safety Assessment has not been carried out.

Section 16 – Other Information

Prepared by: Dr. Motti Shem-Tov
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All chemicals may be unknown hazards and should be used with cautions. This safety data sheet (MSDS) applies only to the materials as packaged. If this product is combined with other materials, deteriorates, it may become contaminated, or it could pose hazards not mentioned in this MSDS. In such cases, it shall be the users responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and protection of the environment.

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