

Section 1 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product identifier

- **Product Name :** **QUICKDES**

1.2 Relevant identified uses of the substances or mixture and used advised against

- **Recommended restrictions :** Disinfection products.
- **Recommended use :** *For industrial use only*

1.3 Details of supplier of the safety data sheet :

- **Manufacturer Details:** ZOHAR DALIA C.A.A. Ltd.,
Kibbutz Dalia 1923900, Israel
Tel. 972-4-9897234
Fax 972-4-9897200

1.4 Emergency telephone number :

- **Emergency Telephone & Contact:** Tel: +972-4-9897515

Section 2 - HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture according to Regulation (EC) No 1272/2008 (CLP)



GHS02 flame



GHS07

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Eye Irrit. 2. H319 Causes serious eye irritation.

Classification of substance or mixture according to the Globally Harmonized System (GHS)



GHS07



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Eye Irrit.2. H319 Causes serious eye irritation

2.2 Labeling according to Regulation (EC) No 1272/2008 (CLP)

- Hazard Pictograms** :



GHS02



GHS07

- SIGNAL WORD: Danger

- Hazard-determining components of labelling:**
Ethyl Alcohol.

- Hazard Statements :**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

- Precautionary Statements:**

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

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P241 Use explosion-proof electrical/ventilating equipment.

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.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Labeling according to the Globally Harmonized System (GHS)

- Hazard pictograms: GHS07 , GHS02
- SIGNAL WORD: Danger
- Hazard –determining components of labeling: Ethanol.
- Hazard statements: H319 ,H225.
 - Precautionary statements: P101, P102, P103, P210 , P280, P303+P361+P353, P305+P351+P338, P310, P403+P233,P405, P501

2.3. Other hazards

Not applicable.

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Constituent	CAS No.	EC No.	Concentration range	Classification according to Regulation (EC) No 1272/2008 (CLP)	Remarks
Ethanol	64-17-5	200-578-6	>30%	Flam. Liq. 2, H225 Eye Irrit.2. H319	-

Section 4 - FIRST AID MEASURES

4.1 Description of First Aid measures:

- **General measures** : Immediately remove any clothing soiled by the product.
- **Eye contact** : Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **Skin Contact** : Immediately wash with water and soap and rinse thoroughly.
- **Inhalation** : Supply fresh air; consult doctor in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.
- **Ingestion** : Drink plenty of water and provide fresh air. Call for a doctor immediately.

4.2. Most important symptoms and effects, both acute and delayed

- No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

- No further relevant information available.

Section 5 - FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media :

CO2, sand, Extinguishing powder..

Do not use Water with full Jet.

5.2. Special hazards arising from the substance or mixture:

Carbon oxides, Nitrogen oxides (NOx).

5.3. Advice for fire-fighters

Protective equipment: appropriate protective equipment and self-
for fire-fighters contained breathing apparatus.

Section 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- **Personal Protective Equipment :** Wear protective equipment.
- **Skin Protection :** See Section 8 for information on personal protection equipment
- **Eye Protection :** See Section 8 for information on personal protection equipment
- **Respiratory Protection :** None
- **Work Practices :** Keep unprotected persons away.

6.2. Environmental precautions:

- Do not allow to enter sewers/ surface or ground water.
- Dilute with plenty of water.

6.3. Methods and material for containment and cleaning:

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Dispose contaminated material as waste according to item 13.
- Ensure adequate ventilation.
- Use neutralising agent.
- Do not flush with water or aqueous cleaning agents.

Section 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

- No special precautions are necessary if used correctly.
- Keep ignition sources away - Do not smoke.
- Ensure good ventilation / exhaustion at the workplace.
- Prevent formation of aerosols.

7.2 Conditions for safe storage:

- Store in cool, dry conditions in well sealed receptacles, Separate from oxidizing materials .
- Keep container tightly sealed.

7.3 Specific end use(s):

- No further relevant information available.

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION


8.1 Control parameters:


- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.

Ethanol

TLV Short –term value: 1000 ppm

8.2 Exposure Control:

- **Engineering measures:** None
- **Respiratory Protection:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Hand Protection:**


Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**


Safety glasses.
Tightly sealed goggles.
- **Skin protection:** Wear protective clothing.

- **Protective measures :** Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with skin and eyes .

Section 9 – PHYSICAL & CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties:

- **Appearance:** Clear colorless liquid
- **Odour:** Characteristic odor of Ethanol
- **Odour threshold:** N.A.
- **pH :** 7
- **Melting point/Freezing point:** N.A.
- **Initial boiling point and boiling range:** 78°C.
- **Flash point:** 17 °C (closed cup)
- **Evaporation rate:** N.A.
- **Flammability(solid/gas):** N.A
- **Upper/lower flammability or explosive limits:** N.A
- **Vapour pressure:** N.A.
- **Vapour density:** N.A.
- **Relative density:** 0.875 gr/ml
- **Solubility(water) :** N.A.
- **Partition coefficient: n-octanol/water:** N.A.
- **Auto-Ignition temperature:** N.A.
- **Decomposition temperature:** N.A.
- **Viscosity:** N.A
- **Explosive properties:** No
- **Oxidizing properties:** No

9.2 Other information:

- Solvent content:

Organic solvents:	80 %
Water:	19 %

Section 10 - STABILITY AND REACTIVITY

- **Reactivity :** No further relevant information available.
- **Chemical stability :** No decomposition if used according to specifications.
- **Possibility of hazardous reactions :** No dangerous reactions known.
- **Conditions to avoid :** No further relevant information available.
- **Hazardous decomposition products :** Other decomposition products - No data available

- Incompatible materials :
In the event of fire: see section 5
Strong oxidizing agents.

Section 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

- **Acute toxicity** Based on available data, the classification criteria are not met.

Ethanol

Oral -LD50 : 7,060 mg/kg (rat)

11.2 Irritation/ Corrosion:

- Causes serious eye irritation.

11.3 Sensitization

- Based on available data, the classification criteria are not met.

11.4 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

- Carcinogenicity :
 - Based on available data, the classification criteria are not met.
- Mutagenic effects :
 - Based on available data, the classification criteria are not met.
- Reprotoxic effects :
 - Based on available data, the classification criteria are not met.

11.5 Other toxic effects on humans:

- **Inhalation** : No data available
- **Dermal** : No data available
- **Eyes** : No data available

- **Ingestion** : No data available

- **Chronic toxicity** : No data available

11.6 NIOSH Immediately Dangerous To Life or Health Concentration (IDLH):

- No information available

11.7 Specific target organ toxicity:

- **Single exposure** : Based on available data, the classification criteria are not met.
- **Repeated exposure** : Based on available data, the classification criteria are not met.

Section 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

- Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability:

- No further relevant information available

12.3 Bioaccumulative potential:

- No further relevant information available.

12.4 Mobility in soil:

- No further relevant information available.

- **Additional ecological information:**

General notes: Water hazard class 1(German Regulation) (Self-assessment): Slightly hazardous for Water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment:

- **PBT:** Not applicable.
- **vPvB:** Not applicable

12.6 Other adverse effects:

- No further relevant information available

Section 13 - DISPOSAL CONSIDERATIONS:

- **Waste treatment methods** : Must not be disposed together with household garbage.
- **Container Disposal** : Disposal must be made according to official regulations. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty.
- **European waste catalogue** :
Not applicable

Section 14 - TRANSPORT INFORMATION:

Land transport (ADR/RID)

- **UN Number** : UN1170
- **UN proper shipping name**



- *1170 Flammable LIQUID.
(Ethyl alcohol)*
- **Transport hazard class** :
3, Flammable liquids
- **Packing group** :
II

Marine transport (IMDG)

- **UN Number** :
UN1170
- **UN proper shipping name** :



- Flammable LIQUID.
(Ethanol)
- **Transport hazard class** :
3 Flammable liquids
- **Packing group** :
II
- **EmS number** :
F-E,S-D
- **Marine pollutant** : Void

Air transport ICAO/IATA

- **UN Number** :
UN1170
- **UN proper shipping name** :
Flammable liquids.
(Ethanol)
- **Transport hazard class** :
3, Flammable liquids.
- **Packing group** :
II
- **EAC:** 2YE

Section 15 - REGULATORY INFORMATION

15.1 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 labeled according to the CLP regulation.
- **Hazard pictograms** GHS07, GHS02
- **Signal word** Danger
- **Hazard-determining components of labelling:**
Ethanol.
- **Hazard statements:**
See section 2.2- Label elements
- **Precautionary statements:**
See section 2.2- Label elements

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

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

Section 16 – OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any Specific product features and shall not establish a legally valid contractual relationship.

All information contained in the present sheet is based on the manufacturer data. The use of this product is subject to our direct control: therefore, users must under their own responsibility comply with the current health and safety laws and regulation.

- **Relevant phrases**
H225 Highly flammable liquid and vapour.
H319 Cause serious eye irritation.

- **Department issuing MSDS:** Product safety department.
- **Contact:**
Kibbutz Dalia 1923900
Israel Phone :972-4-9897234
Fax : 972-4-9897200
www.zohar-dalia.com
- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2: Eye irritation –Category 2

Data compared to the previous version altered.