

Safety Data Sheet

SINERY H1 PLUS RFU

Section 1 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product identifier

- Product Name :** SYNERGY H1 PLUS RFU

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

- Recommended use :** WC Cleaner
- Recommended restrictions :** 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)

Not a hazardous substance or mixture.

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

Not a hazardous substance or mixture

2.3. Other hazards

Not known

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of substances listed below with nonhazardous additions.

Constituent	CAS No.	EC No.	Concentration range	Classification according to Regulation (EC) No 1272/2008 (CLP)	Remarks
Amines, C12-18(even numbered)-alkyldimethyl, N-oxides		931-341-1	<1%	Eye Dam. 1, H318 Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Acute Tox. 4, H302; Skin Irrit. 2, H315	None-

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. Then consult a doctor.
- **Skin Contact** : Immediately wash with water and soap and rinse thoroughly.
- **Inhalation** : 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, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture:

No further relevant information available.

5.3. Advice for fire-fighters

Protective equipment: No special measures required.

Section 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- **Personal Protective Equipment** : Wear protective equipment.
- **Skin Protection** : For personal protection see section 8.
- **Eye Protection** : For personal protection see section 8.
- **Respiratory Protection** : None
- **Work Practices** : Keep unprotected persons away.

6.2. Environmental precautions:

- Do not allow product to reach sewage system or any water course.
- Inform respective authorities in case of seepage into water course or sewage system.
- Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning:

- Absorb with liquid-binding material (sand, universal binders, sawdust).
- Use neutralizing agent.
- Dispose contaminated material as waste according to item 13.

- Ensure adequate ventilation.

Section 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

- Ensure good ventilation/exhaustion at the workplace.
- Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required

7.2 Conditions for safe storage:

- Keep container tightly sealed.
- Keep in a dry and well-ventilated place.

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.

8.2 Exposure Control:

- | | |
|--|---|
| <ul style="list-style-type: none"> • Engineering measures: | None |
| <ul style="list-style-type: none"> • Respiratory Protection: | <p>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.</p> |
| <ul style="list-style-type: none"> • Hand Protection: | <p>Protective gloves- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.</p> <p>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.</p> <p>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.</p> <p>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.</p> |



- **Eye protection:**



Tightly sealed goggles

- **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 the eyes and skin.

Section 9 – PHYSICAL & CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties:

- | | |
|--|---|
| • Appearance: | Green Liquid |
| • Odour: | Characteristic |
| • Odour threshold: | N.A. |
| • pH (20 °C): | 2-3 |
| • Melting point/Freezing point: | N.A |
| • Initial boiling point and boiling range: | 100 °C |
| • Flash point: | >93 °C |
| • Evaporation rate: | N.A |
| • Flammability(solid/gas): | N.A |
| • Ignition temperature: | N.A |
| • Upper/lower flammability or explosive limits: | N.A |
| • Vapour pressure: | 23 hPa (20 °C) |
| • Vapour density: | N.A. |
| • Relative density: | N.A |
| • Solubility(water) : | Fully miscible |
| • Partition coefficient: n-octanol/water: | N.A. |
| • Density (20 °C): | 1.0 g/ml |
| • Decomposition temperature: | N.A. |
| • Viscosity: | N.A |
| • Explosive properties: | Product does not present an explosion hazard. |
| • Oxidizing properties: | No |

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 : | No dangerous decomposition products known.. |
| • Incompatible materials : | No further relevant information available.. |

Section 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**

Amines, C12-18(even numbered)-alkyldimethyl, N-oxides
Oral LD50 >1064 mg/kg (rat)

11.2 Irritation Corrosion:

- **Eye:** Based on available data, the classification criteria are not met...
- **Skin :** Based on available data, the classification criteria are not met..

11.3 Sensitization

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

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

- | | |
|---|---|
| <ul style="list-style-type: none"> • Carcinogenicity : • Mutagenic effects : • Reprotoxic effects : | <ul style="list-style-type: none"> • Based on available data, the classification criteria are not met. • Based on available data, the classification criteria are not met. • Based on available data, the classification criteria are not met. |
|---|---|

11.5 Other toxic effects on humans:

- | | |
|--|--|
| <ul style="list-style-type: none"> • Inhalation : • Dermal : • Eyes • Ingestion : • Chronic toxicity : | <p>No data available</p> <p>No data available</p> <p>No data available</p> <p>No data available</p> <p>No data available</p> |
|--|--|

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

- No information available

11.7 Specific target organ toxicity:

- | | |
|--|---|
| <ul style="list-style-type: none"> • Single exposure : • Repeated exposure : | <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> |
|--|---|

Section 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

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

12.5 Results of PBT and vPvB assessment:

- Not PBT and PVB

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.
Do not allow product to reach sewage system.
- **Container Disposal** : Disposal must be made according to official regulations.

Section 14 - TRANSPORT INFORMATION:

Classified as not dangerous in the meaning of transport regulations due to its composition.

Land transport (ADR/RID)

- **UN Number** : Void
- **UN proper shipping name** : Void
- **Transport hazard class** : Void
- **Packing group** : Void

Marine transport (IMDG)

- **UN Number** : Void
- **UN proper shipping name** : Void
- **Transport hazard class** : Void
- **Packing group** : Void
- **EmS number** : Not applicable.

- **Marine pollutant** : Not applicable.

Air transport ICAO/IATA

- **UN Number** : Void
- **UN proper shipping name** : Void
- **Transport hazard class** : Void
- **Packing group** : Void

Additional Transport Information :

- Not applicable.

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, see section 2.2- Label elements.
The product is classified and labeled according to the CLP regulation.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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.

- **Relevant phrases**

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage..
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

- **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:**

Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

. * **Data compared to the previous version altered.**

DISCLAIMER

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products.

ZOHAR DALIA GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use.

Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations.

Users are requested to check that they are in possession of the latest version of the present document and ZOHAR DALIA is at their disposal to supply any additional information.