

Section 1 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product identifier :

- **Product Name:** PARACID ACTIVE
- **Generic Name:** Citric Acid 49.8-59.2
- **CAS Number:** 77-92-9

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

- **Recommended use :** Cleaning agent
- **Recommended restrictions :** For professional 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 according to Regulation (EC) No 1272/2008 (CLP)

Hazard categories and codes: Not Classified as hazardous as per Regulation (EC) No 1272/2008 (CLP)

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

- **Hazard Pictogram** : No signal word
No pictogram available
- **Hazard Statements** : The product is not classified as dangerous.
- **Precautionary Statements:** The product is not classified as dangerous. However, general precautionary measures to be taken.

2.3. Other hazards

Not known.

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Not a hazardous substance or mixture according to regulation (EC) No. 1272/2008 (CLP)

Section 4 - FIRST AID MEASURES

4.1 Description of First Aid measures:

- **General measures** : In case of adverse health effects seek medical advice.
- **Eye contact** : Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **Skin Contact** : Wash off with water and soap. If skin irritation continues, consult a doctor.
- **Inhalation** : Supply fresh air; consult doctor in case of complaints.
- **Ingestion** : Rinse mouth with water. If swallowed do not induce vomiting. Give a glass of water. If symptoms persist, consult a doctor.

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

- In all cases of doubt, or when symptoms persist, seek medical advice.

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

- Advice to physician: symptomatic treatment is advised.

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.

Unsuitable extinguishing media: Water with full jet.

5.2. Special hazards arising from the substance or mixture: No further relevant information available.

5.3. Advice for fire-fighters

- Use standard procedure for chemical fire.
- Wear respiratory protection equipment according to ambient air conditions and full protective gear.
- Do not inhale explosion gases or combustion gases. No special measures required.

Section 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- **Personal Protective Equipment** : Avoid contact with skin and eyes. dust mask.
- **Eye Protection** : Safety glasses. (as mentioned in section 8.2)
- **Skin Protection** : Avoid contact with skin by use of protective equipment. (as mentioned in section 8.2)
- **Respiratory Protection** : Wear personal protective equipment. (as mentioned in section 8.2)
- **Work Practices** : Wear eye/face protection.

6.2. Environmental precautions:

- Do not allow to enter sewers, surface or ground water.

6.3. Methods and material for containment and cleaning:

- Collect as much as possible by any mechanical mean in a clean container for (preferably) reuse or disposal in accordance with local regulations.

Section 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

- Avoid direct contact.
- Do not eat, drink or smoke while using this product.

7.2 Conditions for safe storage:

- Store in original container.
- Store in a cool, well-ventilated place.
- Store in properly labelled containers.
- Keep container tightly sealed.
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7.3 Specific end use(s):

- As prescribed in section 1.2

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Contains no substances with occupational exposure limit value.

8.2 Exposure Control:

- **Engineering measures:** Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.
Eye wash fountain and emergency showers are recommended.
- **Respiratory Protection:** Dust mask when dust is generated
- **Hand Protection:** Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions. Specific workplace conditions must be taken into consideration separately.
Recommended protective gloves
Nitrile / 0,1 mm / Level 3 > 60 min. In case of full contact
- **Eye protection:** Protective goggles.
- **Skin protection:** Suitable protective clothing.
- **Protective measures :** Do not eat, drink or smoke while working.

Section 9 – PHYSICAL & CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties:

- **Appearance :** Clear liquid
- **Odour :** Characteristic

- **Odour threshold :** N.A.
- **pH :** N.A
- **Melting point/Freezing point :** N.A.
- **Initial boiling point and boiling range :** N.A.
- **Flash point :** > 100°C
- **Evaporation rate :** N.A.
- **Flammability :** N.A.
- **Upper/lower flammability or explosive limits :** N.A.
- **Vapour pressure :** N.A.
- **Vapour density :** N.A.
- **Density gr/ml 25°C:** N.A.
- **Solubility(ies) :** 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: Not available

Section 10 - STABILITY AND REACTIVITY

- **Reactivity :** Reactivity not found for this product.
- **Chemical stability :** Stable under recommended storage and handling conditions.
- **Possibility of hazardous reactions :** None if stored and handled properly.
- **Conditions to avoid :** None known.
- **Hazardous decomposition products :** No decomposition if used according to specifications.
- **Incompatible materials :** Strong oxidizing agents.

Section 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

- Citric acid CAS 77-92-9
- Acute toxicity(oral) LD50=3000 mg/kg, rat

11.2 Irritation Corrosion:

- **Eye:** Not irritating.
- **Skin:** Not irritating.

11.3 Sensitization

- Not sensitizing to skin.

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

- **Carcinogenicity** : Not classified as carcinogen.
- **Mutagenic effects** : Not classified as a mutagen.
- **Reprotoxic effects** : Not found to be reprotoxic.

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** : No experimental or epidemiological sufficient evidence for specific target organ toxicity
- **Repeated exposure** : No experimental or epidemiological sufficient evidence for specific target organ toxicity

Section 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

- Citric acid CAS 77-92-9
LC50=440 mg/l(fish)

12.2 Persistence and degradability:

- Product is readily biodegradable that estimated on the basis of the raw materials contained in the product

12.3 Bioaccumulative potential:

- Data not available for product.

12.4 Mobility in soil:

- Data not available for product.

12.5 Results of PBT and vPvB assessment:

- Data not available for product.

12.6 Other adverse effects:

- None

Section 13 - DISPOSAL CONSIDERATIONS:

- **Disposal of product :** .Dispose in accordance with all applicable regulations.
- **Disposal of packaging :** Clean container with water. Recover waste water for processing later.

Section 14 - TRANSPORT INFORMATION:

The product is not classified hazardous to transport as per Land transport (ADR/RID), Marine transport (IMDG), Air transport ICAO/IATA, and Department of Transportation (DOT).

- **UN Number** : Not applicable
- **UN proper shipping name** : Not regulated
- **Transport hazard class** : Not applicable. Not classified as dangerous for transport.
- **Packing group** : Not regulated
- **Environmental hazards** : Prevent disposal into the drains

Section 15 - REGULATORY INFORMATION

15.1 Other regulatory information:

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture

Control of Substances Hazardous to Health Regulations (COSHH) 2002 SI 2002/2677 and COSHH Essentials: Easy steps to control chemicals - Control of Substances Hazardous to Health Regulations HSG193.

Inventory Status:

Listed in: US(TSCA), Europe (EINECS), New Zealand (NZIoC), Philippines (PICCS), Canada(DSL), China (IECSC), Australia (AICS), Japan (ENCS).

15.2 Chemical Safety Assessment:

- A chemical safety assessment has been carried out for the substance or the mixture by the supplier (LR)- No

Section 16 – OTHER INFORMATION

16.1 Technical Advice:

- Use data given in this Safety Data Sheet and make an inventory list of all chemicals used in the factory
- Create a Register for Workplace Chemicals;
- Set priorities concerning the safety in the organization
- Create emergency plans for the assessed hazards;
- Organize occupational health care and regular surveys as necessary;
- Organize contacts with authorities/laboratories to create a monitoring system for chemical hazards, and to reliably measure and/or estimate occupational exposures to chemicals when needed;

- Start collecting case studies of accidents and sickness records in the enterprise to create a basis for priority measures in the control of hazards;
- Involve workers in safety organizations, such as the system of Safety Representatives and Committees.
- Do regular inspection using checklists made for the particular chemicals and chemical processes in use;
- Mark and label all chemicals;
- Keep at hand an inventory list of all chemicals handled in the place of work together with a collection of Chemical Safety Data Sheets for these chemicals;
- Train workers to read and understand the Chemical Safety Information, including the health hazards and routes of exposure; train them to handle dangerous chemicals and processes with respect;
- Plan, develop and choose the safe working procedures;
- Reduce the number of people coming into contact with dangerous chemicals;
- Reduce the length of time and/or frequency of exposure of workers to dangerous chemicals;
- Train workers to know and understand the emergency procedures;
- Equip and train workers to use personal protective equipment properly after everything possible has been done to eliminate hazards by means of other methods;

16.2 List of relevant R phrases:

No relevant R phrases.

DISCLAIMER

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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.