

### Section 1 - IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND OF THE COMPANY

#### 1.1 Product identifier :

- **Product Name :** PARACID BASE

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

- **Recommended use :** Cleaning and disinfecting 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 of substance or mixture according to Regulation (EC) No 1272/2008 (CLP)

Skin Irritation category 2

Eye Damage category 1

#### Human health hazard categories and codes:

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

**SIGNAL WORD: Danger**

- **Hazard Pictogram :**



GHS05

Corrosion

- **Hazard Statements :**

H315: Causes skin irritation.

H318: Causes severe eye damage.

- **Precautionary Statements :**

P264: Wash hands thoroughly after handling.

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

P302+P352: IF ON SKIN Wash with plenty of water.

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 or physician.

P362+P364: Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

Not known

## Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Constituent	CAS No.	EC No.	Concentration range	Classification according to Regulation (EC) No 1272/2008 (CLP)	Remarks
Sodium Chlorite	7758-19-2	231-836-6	1-5 %	Ox.Sol.1; H271, Acute Tox.3; H301, Acute Tox.2; H310, Skin Corr.1B; H314, STOT RE2; H373, Aquatic Acute1; H400, Aquatic chronic 3; H412	

## Section 4 - FIRST AID MEASURES

### 4.1 Description of First Aid measures:

- **General measures :** Take off all contaminated clothing immediately. In the case of accident or if you feel unwell, seek medical advice immediately.
- **Eye contact :** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.
- **Skin Contact :** Take off all contaminated clothing immediately. Wash off immediately with plenty of water for at least 15 minutes. Consult a physician.
- **Inhalation :** Remove from exposure, lie down. If breathing is irregular or stopped, administer artificial respiration.
- **Ingestion :** Monitor breathing, give oxygen if necessary. Consult a physician. If swallowed, rinse mouth with water (only if the person is conscious). Consult a physician.

### 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. Eye rinsing device shall be made available at any point of handling of the product.

## Section 5 - FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media:

**Suitable extinguishing media:** Water spray, Chemical powder, Foam, Carbon dioxide (CO2) & sand.

**Unsuitable extinguishing media:** High pressure water jet

**5.2. Special hazards arising from the substance or mixture:** Gives off irritating or toxic fumes in a fire.

Avoid inhaling the fumes.

### 5.3. Advice for fire-fighters

- Use firefighting water moderately and contain it.
- Use water spray to cool tanks/containers exposed to heat / remove them into safety.
- In the event of fire, wear self-contained breathing apparatus.
- Use personal protective equipment.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

- **Personal Protective Equipment :** Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.
- **Eye Protection :** Face shield and safety glasses. (as mentioned in section 8.2)
- **Skin Protection :** Avoid contact with eyes 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 flush into surface water or sanitary sewer system.

### 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.
- Absorb and contain spill with inert material (sand, earth etc.) and transfer to containers for disposal in accordance with local regulations.

## Section 7 - HANDLING AND STORAGE

### 7.1 Precautions for safe handling

- Observe strict hygiene - avoid eye and skin contact.
- Avoid splashing of material.
- Safety showers should be readily available in handling and storage areas.
- Eye wash fountains should be located in the work areas and should be immediately accessible for emergency use.
- Remove contaminated clothing immediately.
- Use only equipment and materials which are compatible with the product.

### 7.2 Conditions for safe storage:

- Store in original container.
- Store in a cool, dry, well-ventilated place.
- Store in properly labelled containers.
- Keep container tightly closed.
- Keep away from incompatible products.

### 7.3 Specific end use(s):

- As prescribed in section 1.2

## Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

Not Applicable.

### 8.2 Exposure Control:

- **Engineering measures:** Ensure adequate ventilation, especially in confined areas.
- **Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.
- **Hand Protection:** Splash contact, intermittent and prolonged PVC gloves
- **Eye protection:** Wear chemical goggles with face-shield. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- **Skin protection:** Wear suitable protective clothing. Use impervious gloves.
- **Protective measures :** Wear suitable gloves and eye/face protection. Avoid contact with the skin and the eyes. General industrial hygiene practice.

## Section 9 – PHYSICAL & CHEMICAL PROPERTIES:

### 9.1 Information on basic physical and chemical properties:

- **Appearance :** Clear liquid
- **Odour :** Characteristic
- **Odour threshold :** N.A.
- **pH :** 8-8.5
- **Melting point/Freezing point :** N.A.
- **Initial boiling point and boiling range :** N.A.
- **Flash point :** N.A.
- **Evaporation rate :** N.A.
- **Flammability :** N.A.
- **Upper/lower flammability or explosive limits :** N.A.
- **Vapour pressure :** N.A.
- **Vapour density :** N.A.
- **Relative density :** N.A.
- **Solubility(ies) :** Fully miscible in water
- **Partition coefficient: n-octanol/water :** N.A.
- **Auto-Ignition Temperature :** N.A.
- **Decomposition temperature :** N.A.
- **Viscosity :** N.A.
- **Explosive properties :** N.A.
- **Oxidizing properties :** N.A.

### 9.2 Other information : None

### Section 10 - STABILITY AND REACTIVITY

<b>Reactivity :</b>	No decomposition if used according to specifications.
<b>Chemical stability :</b>	Stable under recommended storage and handling conditions.
<b>Possibility of hazardous reactions :</b>	None if stored and handled properly.
<b>Conditions to avoid :</b>	Avoid extreme heat. Avoid contact with acids
<b>Hazardous decomposition products :</b>	Combustion may produce chlorine, CO, CO <sub>2</sub> and water
<b>Incompatible materials :</b>	Acids, strong oxidizing agents,

### Section 11 - TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects:

- Sodium chlorite CAS 7758-19-2
- LD50(oral)= 284 mg/kg bw(rat)

#### 11.2 Irritation Corrosion:

- **Eye:** The product causes serious eye damage.
- **Skin :** The product causes skin irritation.

#### 11.3 Sensitization

- The product is 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 :** Harmful if swallowed
- **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:

- Sodium chlorite CAS 7758-19-2  
LC50 (fish) = 105 mg/L.

### 12.2 Persistence and degradability:

- Not applicable. The product is inorganic and cannot be tested for biodegradability.

### 12.3 Bioaccumulative potential:

- Product is not B/vB

### 12.4 Mobility in soil:

- Data not available

### 12.5 Results of PBT and vPvB assessment:

- Not PBT and vPvB

### 12.6 Other adverse effects:

- None

## Section 13 - DISPOSAL CONSIDERATIONS:

Dispose in accordance with all applicable regulations.

All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

- **Disposal of product :** Dilute with water. Do not allow product to reach sewage system. Recover waste water for processing later.
- **Disposal of packaging:** Clean container with water. Recover waste water for processing later.  
Dispose of according to local authority regulations.

## 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).

### 15.2 Chemical Safety Assessment:

- A chemical safety assessment has not 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;

### 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.



## Safety Data Sheet PARACID BASE

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.