





## SAFETY DATA SHEET



According to 1907/2006/EC, Article 31, and Regulation (EC) No 1272/2008  
 (CLP / GHS)

**PRODUCT NAME:** נוזל מסיר שומנים פורטה CW39-S

| 1. IDENTIFICATION OF THE PRODUCT & THE COMPANY |  |
|--|--|
| Product name                                   | מק"ט 60036 נוזל מסיר שומנים פורטה CW39-S   |
| Classification                                 | An aqueous mixture of sodium hypochlorite and alkaline salts   |
| Chemical name                                  | N/A (complex mixture)  |
| Supplier & Emergency information               | י. נתנאל שיווק מוצרי צריכה בע"מ<br>ת.ד. 4880 כפר קאסם, ישראל 4881000<br>Tel: 03-9243102 Fax: 03-9243103<br>קוד יצרן: 72491<br><a href="mailto:info@natanelpro.co.il">info@natanelpro.co.il</a> |
| Last revision                                  | Aug, 2 <sup>nd</sup> 2018  |

| 2. HAZARD IDENTIFICATION |  |
|--------------------------|--|
| HAZARD CLASS:            | <br><b>SKIN CORROSION cat. 1B</b><br><b>EYE DAMAGE cat. 1</b> |
| SIGNAL WORD:             | <b>DANGER</b>  |
| HAZARD CODES:            | <b>H314 H318</b>   |
| HAZARD STATEMENTS        | <b>CAUSES SEVERE SKIN BURNS AND EYE DAMAGE</b>   |
| ADDITIONAL INFO          | Contains: <b>POTASSIUM HYDROXIDE SOLUTION UN 1814</b>  |

| 3. COMPOSITION OF PRODUCT AND HAZARDOUS INGREDIENTS   |                                    |        |  |                                      |
|---|------------------------------------|--------|--|--------------------------------------|
| Chemical characterization   | N / A (mixture)                    |        |  |                                      |
| Description   | Mixture of substances listed below |        |  |                                      |
| <b>Components contributing to the hazard according to European Directives 67/548/ECC, 648/2004/EC and 1999/45/ECC</b> |                                    |        |  |                                      |
| Ingredient (INCI)   | CAS No.                            | %      | EU Classification / GHS system   |                                      |
| Potassium Hydroxide   | 1310-58-3                          | < 5.0% | <br><b>DANGER</b><br>Skin Corrosion cat. 1A<br>Metal Corrosion cat. 1<br>Acute Toxicity cat. 4   | H290<br>H302<br>H314                 |
| Butyl Glycol  | 111-76-2                           | ≤ 5.0% | <br><b>WARNING</b><br>Skin irritation cat. 2<br>Eye irritation cat. 2<br>Acute toxicity oral cat. 4<br>Acute toxicity dermal cat. 4<br>Acute toxicity inhalation cat.4 | H302<br>H312<br>H315<br>H319<br>H332 |
| D - Limonene  | 5989-27-5                          | ≤ 1.0% | <br><b>DANGER</b><br>Flammable liquid cat.3<br>Skin irritation cat.2<br>Skin sensitization, cat.1<br>Acute aquatic toxicity cat.1<br>Chronic aquatic toxicity cat. 1 | H226<br>H304<br>H315<br>H317<br>H410 |

|                                |            |        |  |                      |
|--------------------------------|------------|--------|--|----------------------|
| Dodecyldimethylamine oxide     | 1643-20-5  | ≤ 1.0% | <br><b>DANGER</b><br>Skin irritation, cat.2<br>Eye damage, cat.1<br>Acute aquatic toxicity, cat. 1 | H315<br>H318<br>H400 |
| Disodium Cocoamphodipropionate | 69228-49-5 | ≤ 5.0% | <br><b>WARNING</b><br>Skin irritation cat.2<br>Eye irritation cat.2                                 | H315<br>H319         |

Fragrance ingredients that require labeling according to  
 DIRECTIVE 2003/15/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Wording of the **H-codes** for the above components:

|             |   |             |  |
|-------------|---|-------------|--|
| <b>H226</b> | Flammable liquid and vapour                         | <b>H290</b> | May be corrosive to metals                   |
| <b>H302</b> | Harmful if swallowed                                | <b>H304</b> | May be fatal if swallowed and enters airways |
| <b>H314</b> | Causes severe skin burns and eye damage             | <b>H315</b> | Causes skin irritation                       |
| <b>H317</b> | May cause an allergic skin reaction                 | <b>H318</b> | Causes serious eye damage                    |
| <b>H319</b> | Causes serious eye irritation                       | <b>H400</b> | Very toxic to aquatic life                   |
| <b>H410</b> | Very toxic to aquatic life with long lasting effect |             |  |

#### 4. FIRST AID MEASURES

|                |   |
|----------------|---|
| General Advice | Immediately remove any clothing soiled by the product.                              |
| Skin           | Immediately wash with water and soap and rinse thoroughly.                          |
| Eyes           | Rinse opened eye for several minutes under running water. Then consult a doctor.    |
| Inhalation     | In case of unconsciousness place patient stably in side position for transportation |



|           |  |
|-----------|--|
| Ingestion | Do NOT induce vomiting. Drink plenty of water and provide fresh air. Call for a doctor immediately and show label. |
|-----------|--|

| 5. FIRE-FIGHTING MEASURES      |                           |
|--------------------------------|---------------------------|
| Extinguishing media            | A non-combustible product |
| Unsuitable extinguishing media | N/A                       |
| Unusual firefighting hazard    | N/A                       |
| Special firefighting procedure | N/A                       |
| Combustion products            | Not known                 |

| 6. ACCIDENTAL RELEASE MEASURES                       |   |
|--|---|
| Personal precaution                                  | Use personal protective equipment. Avoid breathing vapors or mist. Ensure adequate ventilation. For personal protection see section 8.  |
| Precaution to protect the environment                | No special measures required  |
| Methods and material for containment and cleaning up | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13. |

| 7. HANDLING & STORAGE         |   |
|-------------------------------|---|
| Handling precautions          | Avoid contact with skin and eyes. For precautions see section 2.  |
| Storage                       | Keep container tightly sealed in a dry and well-ventilated place. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage.<br>Avoid contact with heat. Store away from incompatible materials and foodstuff containers. |
| Unsuitable packaging material | Non-sealable containers. Containers which are sensitive to alkali or oxidizing agents.  |
| Incompatibilities             | Keep away from acids or reducing agents.  |

| 8. EXPOSURE CONTROL AND PERSONAL PROTECTION |  |
|---|--|
| Exposure control                            | The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |
| Derived No Effect Level (DNEL)              |  |

|                                |   |
|--------------------------------|---|
| Personal protective equipment: |   |
| Respiratory                    | Not required  |
| Body Protection                | Use protective clothing   |
| Eye                            |  <p>Tightly sealed goggles</p>   |
| Hand                           |  <p>Handle with 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.</p> <p>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</p> <p><i>Material of gloves</i></p> <p>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 cannot be calculated in advance and has therefore to be checked prior to the application.</p> <p><i>Penetration time of glove material</i></p> <p>The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> |
| Industrial hygiene             | Keep away from foodstuffs, beverages and feed.<br>Immediately remove all soiled and contaminated clothing<br>Avoid contact with the eyes and skin.  |
| Other information              | Not known   |

## 9. PHYSICAL & CHEMICAL PROPERTIES

|                          |                                  |
|--------------------------|----------------------------------|
| Physical form            | Liquid (with harsh solvent odor) |
| Flash point              | ≥ 158° F (70° C) P.M. closed cup |
| Volatile Organic Content | 5.0 (% V.O.C.)                   |
| pH                       | 11.5 max                         |


| 10. STABILITY AND REACTIVITY     |   |
|----------------------------------|---|
| Stability                        | Stable under ambient conditions. Extrapolated shelf life is at least 12 months in the original container. |
| Reactivity:                      |   |
| Conditions to avoid              | No further relevant information available.  |
| Materials to avoid               | Acids and reducing agents   |
| Hazardous decomposition products | Possible liberation of negligible quantities of chlorine  |

| 11. TOXICOLOGICAL INFORMATION     |  |
|-----------------------------------|--|
| Acute toxicity:                   | Based on available data, the classification criteria are not met       |
| Skin corrosion/irritation         | Causes severe skin burns and eye damage                                |
| Serious eye damage/eye irritation | Causes serious eye damage  |
| Respiratory or Skin Sensitization | Under extreme circumstances might cause slight respiratory irritation. |
| Reproductive toxicity             | Based on available data, the classification criteria are not met.      |

| 12. ECOLOGICAL INFORMATION           |   |
|--------------------------------------|---|
| Environmental fate and distribution: |   |
| Aquatic Toxicity                     | No further relevant information available                                 |
| Terrestrial Environment              | No further relevant information available                                 |
| Persistence and degradation          | Readily biodegradable   |
| General notes                        | Must not reach sewage water or drainage ditch undiluted or un-neutralized |

| 13. DISPOSAL CONSIDERATIONS         |   |
|-------------------------------------|---|
| Waste treatment method              | Must not be disposed together with household garbage. Do not allow product to reach sewage system |
| Un-cleaned packaging Recommendation | Disposal must be made according to official regulations   |

| 14. TRANSPORT INFORMATION |   |
|---------------------------|---|
| <b>ADR/RID</b>            | Class: <b>8</b> Corrosive substances.<br>UN - Number: <b>1814</b><br>Packaging group: <b>II</b> Hazard label: <b>8</b><br>Excepted quantities: E2<br>Tunnel restriction code: E<br><b>CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE)</b> |
| <b>IMDG</b>               | Class: <b>8</b> UN Number: <b>1814</b><br>Label: <b>8</b> Packaging group: <b>II</b><br>EMS Number: <b>F-A, S-B</b> . Marine pollutant: No<br>Proper shipping name:<br><b>CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE)</b>             |
| <b>ICAO/IATA</b>          | Class: <b>8</b> . UN/ID Number: <b>1814</b><br>Label: <b>8</b> . Packaging group: <b>II</b><br>Proper shipping name:<br><b>CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE)</b>  |

| 15. REGULATORY INFORMATION |  |             |   |             |                               |             |                        |             |                     |
|----------------------------|--|-------------|---|-------------|-------------------------------|-------------|------------------------|-------------|---------------------|
| HAZARD CLASS:              |  <p><b>SKIN CORROSION cat. 1B</b><br/><b>EYE DAMAGE cat. 1</b></p>  |             |   |             |                               |             |                        |             |                     |
| SIGNAL WORD:               | <b>DANGER</b>  |             |   |             |                               |             |                        |             |                     |
| HAZARD CODES:              | <b>H314 H318</b>   |             |   |             |                               |             |                        |             |                     |
| HAZARD STATEMENTS          | <b>CAUSES SEVERE SKIN BURNS AND EYE DAMAGE</b>   |             |   |             |                               |             |                        |             |                     |
| ADDITIONAL INFO            | Contains: <b>POTASSIUM HYDROXIDE SOLUTION UN 1814</b>  |             |   |             |                               |             |                        |             |                     |
| P-Codes                    | <table border="1"> <tr> <td><b>P101</b></td> <td>If medical advice is needed, have product container or label at hand.</td> </tr> <tr> <td><b>P102</b></td> <td>Keep out of reach of children</td> </tr> <tr> <td><b>P103</b></td> <td>Read label before use.</td> </tr> <tr> <td><b>P260</b></td> <td>Do not breath mists</td> </tr> </table> | <b>P101</b> | If medical advice is needed, have product container or label at hand. | <b>P102</b> | Keep out of reach of children | <b>P103</b> | Read label before use. | <b>P260</b> | Do not breath mists |
| <b>P101</b>                | If medical advice is needed, have product container or label at hand.  |             |   |             |                               |             |                        |             |                     |
| <b>P102</b>                | Keep out of reach of children  |             |   |             |                               |             |                        |             |                     |
| <b>P103</b>                | Read label before use.   |             |   |             |                               |             |                        |             |                     |
| <b>P260</b>                | Do not breath mists  |             |   |             |                               |             |                        |             |                     |

|  |                           |   |
|--|---------------------------|---|
|  | <b>P280</b>               | <b>Wear protective gloves/protective clothing/eye protection/face protection</b>  |
|  | <b>P303 + P361 + P353</b> | <b>IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.</b>                     |
|  | <b>P304 + P340</b>        | <b>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</b>                                 |
|  | <b>P305 + P351 + P338</b> | <b>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</b> |
|  | <b>P310</b>               | <b>Immediately call a POISON CENTER/doctor</b>  |
|  | <b>P405</b>               | <b>Store locked up</b>  |
|  | <b>P363</b>               | <b>Wash contaminated clothing before reuse.</b>   |
|  | <b>P301 + P330 +P331</b>  | <b>If swallowed rinse mouth. DO NOT induce vomiting.</b>  |
|  | <b>P501</b>               | <b>Dispose of contents/ container to an approved waste disposal plant.</b>  |

## 16. OTHER INFORMATION

All the information supplied in this data sheet is based on the current knowledge available to 72491 at the time of revision, and is offered in good faith. For further information or clarification of data and any relevant information available on the product and the safety of handling it, please contact 72491 directly. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall 72491 be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.