





SAFETY DATA SHEET

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

PRODUCT NAME: אקונומיקה CW

1. IDENTIFICATION OF THE PRODUCT & THE COMPANY	
Product name	אקונומיקה CW מק"ט 62020
Classification	An aqueous mixture of Sodium Hypochlorite and Sodium Hydroxide
Chemical name	N/A (complex mixture)
Supplier & Emergency information	י. נתנאל שיווק מוצרי צריכה בע"מ ת.ד 4880 כפר קאסם, ישראל 4881000 Tel: 03-9243102 Fax: 03-9243103 קוד יצרן: 72491 info@natanelpro.co.il
Last revision	Aug, 3 th 2018

2. HAZARD IDENTIFICATION	
HAZARD CLASS:	 SKIN IRRITATION cat. 2 EYE IRRITATION cat. 2
SIGNAL WORD:	WARNING
HAZARD CODES:	H319, H315
HAZARD STATEMENTS	CAUSES SERIOUS EYE IRRITATION CAUSES SKIN IRRITATION

3. COMPOSITION OF PRODUCT AND HAZARDOUS INGREDIENTS				
Chemical characterization	N / A (mixture)			
Description	Mixture of substances listed below			
Components contributing to the hazard according to European Directives 67/548/ECC, 648/2004/EC and 1999/45/ECC				
Ingredient (INCI)	CAS No.	%	EU Classification / GHS system	
Sodium Hypochlorite Solution	7681-52-9	≤ 3%	 	H314 H400
			DANGER Skin corrosion, cat.1B Acute aquatic toxicity, cat. 1	
Sodium Hydroxide	1310-73-2	≤ 0.3%		H290 H314
			DANGER Skin corrosion, cat. 1A Metal corrosion, cat. 1	
Fragrance ingredients that require labeling according to DIRECTIVE 2003/15/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL				
N/A				
Wording of the H-codes for the above components:				
H290	May be corrosive to metals	H314	Causes severe skin burns and eye damage	
H400	Very toxic to aquatic life			

4. FIRST AID MEASURES	
General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Skin	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
Eyes	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician

Ingestion	Do NOT induce vomiting. Drink plenty of water and provide fresh air. Call for a doctor immediately.
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5. FIRE-FIGHTING MEASURES

Extinguishing media	Dry chemical powder.
Unsuitable extinguishing media	Do not use water jet
Unusual firefighting hazard	No data available.
Special firefighting procedure	Wear self-contained breathing apparatus for firefighting if necessary.
Combustion products	No data available

6. ACCIDENTAL RELEASE MEASURES



Personal precaution	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. For personal protection see section 8.
Precaution to protect the environment	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided
Methods and material for containment and cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. Do not flush with water. Keep in suitable, closed containers for disposal. For disposal see section 13.

7. HANDLING & STORAGE

Handling precautions	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2.
Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Never allow product to get in contact with water during storage. Do not store near acids.
Unsuitable packaging material	Non-sealable containers.
Incompatibilities	Keep away from acids.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure control	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Derived No Effect Level (DNEL)	N/A

Personal protective equipment:	
Respiratory	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Body Protection	Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Eye	 <p>Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</p>
Hand	 <p>Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.</p> <p>The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.</p>
Industrial hygiene	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.
Other information	Not known

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Slightly Yellowish Liquid
Flash point	≥ 158° F (70° C) P.M. closed cup
Sodium Hypochlorite	≤ 3.0%
pH	11.9 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 (or materials that are incompatible with the product)	Acids. Organic materials, Powdered metals, Forms shock-sensitive mixtures with certain other materials., Amines, Reacts violently with ammonium salts, aziridine, methanol, and phenylaceto primary aliphatic or aromatic amines to form explosively unstable n-chlor 55°C
Hazardous decomposition products	No decomposition if used according to specifications. When in contact with acids a toxic gas (Chlorine) is liberated.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available.
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory or Skin Sensitization	No data available.
Reproductive toxicity	No data available.

12. ECOLOGICAL INFORMATION


Environmental fate and distribution:	
Aquatic Toxicity	No data available.
Terrestrial Environment	No data available.
Persistence and degradation	No data available.
General notes	Generally not hazardous for water. 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
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Un-cleaned packaging Recommendation	Disposal must be made according to official regulations. Empty un-cleaned packages should be treated as the original product.
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14. TRANSPORT INFORMATION	
ADR/RID	Class: 8 Corrosive substances. UN Number: 1791 Packaging group: III Hazard label: 8 HYPOCHLORITE SOLUTION
IMDG	Class: 8 UN Number: 1791 Label: 8 Packaging group: III Marine pollutant: Yes Proper shipping name: HYPOCHLORITE SOLUTION
ICAO/IATA	Class: 8 . UN Number: 1791 Packaging group: III Proper shipping name: HYPOCHLORITE SOLUTION

15. REGULATORY INFORMATION							
HAZARD CLASS:	 SKIN IRRITATION cat. 2 EYE IRRITATION cat. 2						
SIGNAL WORD:	WARNING						
HAZARD CODES:	H319, H315						
HAZARD STATEMENTS	CAUSES SERIOUS EYE IRRITATION CAUSES SKIN IRRITATION						
P-Codes	<table border="1"> <tr> <td>P101</td> <td>If medical advice is needed, have product container or label at hand.</td> </tr> <tr> <td>P102</td> <td>Keep out of reach of children</td> </tr> <tr> <td>P103</td> <td>Read label before use.</td> </tr> </table>	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.
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P103	Read label before use.						

	P260	Do not breathe mists.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313	IF EYE IRRITATION PERSISTS get medical advice/ attention.
	P302+P352	IF ON SKIN wash with plenty of soap and water.
	P321	IF INGESTED Do not cause vomiting. Rinse mouth with water and contact Poison Center immediately. Show label of product.
	P332+P313	If skin irritation occurs get medical advice/attention
	P362	Take off contaminated clothing and wash before reuse.

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.