



**SAFETY DATA SHEET**

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

**PRODUCT NAME: RAD 910-Extra מגבונים לחיטוי וניקוי משטחים**




1. IDENTIFICATION OF THE PRODUCT & THE COMPANY	
Product name	<b>RAD 910-Extra מגבונים לחיטוי וניקוי משטחים</b>
Classification	An aqueous mixture of sodium hypochlorite and alkaline salts
Chemical name	N/A (complex mixture)
Supplier & Emergency information	ECORAD Ltd. Industrial zone 47 Arad, Israel. Tel: 076-5310055 Fax: 076-5310052 ☎ Emergency: +972-50-691-1555 – Mr. Amos Levi <a href="mailto:amos@ecorad.co.il">amos@ecorad.co.il</a>
Last revision	December, 05 <sup>th</sup> 2018

2. HAZARD IDENTIFICATION	
HAZARD CLASS:	  <b>FLAMMABLE LIQUID cat. 2</b> <b>EYE IRRITATION cat. 2</b> <b>CHRONIC AQUATIC TOXICITY cat.1</b>
SIGNAL WORD:	<b>DANGER</b>
HAZARD CODES:	<b>H225 H319 H410</b>
HAZARD STATEMENTS	<b>HIGHLY FLAMMABLE LIQUID AND VAPOR</b> <b>CAUSES SERIOUS EYE IRRITATION</b> <b>VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS</b>
ADDITIONAL INFO	Contains: <b>ETHANOL. UN 1170</b>



P - Codes	<b>P210</b>	<b>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</b>
	<b>P273</b>	<b>Avoid release of liquid to the environment. For wipes see section 13</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>P370 + P378</b>	<b>In case of fire: Use dry powder or dry sand to extinguish</b>
	<b>P403 + P235</b>	<b>Store in a well-ventilated place. Keep cool</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
Ethanol (Ethyl Alcohol)	64-17-5	<b>80 (v/v)</b>	  <b>DANGER</b> Skin Corrosion cat. 1A Metal Corrosion cat. 1 <b>H225</b> <b>H319</b>
Chlorhexidine Digluconate	: 18472-51-0	<b>≤ 0.5</b>	 <b>WARNING</b> Acute Aquatic Toxicity cat.1 Chronic Aquatic Toxicity cat.1 <b>H400</b> <b>H410</b>
Fragrance ingredients that require labeling according to DIRECTIVE 2003/15/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL			
<b>Nothing to declare</b>			
Wording of the H-codes for the above components:			
<b>H225</b>	Highly Flammable Liquid and Vapor	<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 effects
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#### 4. FIRST AID MEASURES

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Skin	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. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

#### 5. FIRE-FIGHTING MEASURES

Extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Unsuitable extinguishing media	Foam not compatible with alcohols
Unusual firefighting hazard	N/A
Special firefighting procedure	N/A to the finished product (container with impregnated wipes).
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. NOT required for finished goods
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. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge. For precautions see section 2.
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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. Avoid contact with heat. Store away from incompatible materials and foodstuff containers.
Unsuitable packaging material	The product is provided in suitable containers. Do not remove wipes from original container – only for immediate use.
Incompatibilities	N/A

### 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 for handling finished product:	
Respiratory	Not required
Body Protection	Not required
Eye	Not required
Hand	Not required
Industrial hygiene	Keep away from direct contact with foodstuffs, beverages and feed. Avoid contact with the eyes and skin.
Other information	Not known

### 9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Liquid absorbed on non-woven fabric	
Flash point	≥ 16° C	P.M. closed cup
Density	0.80 ± 0.05 g/cm <sup>3</sup>	20° /C
Volatile Organic Content	70	(% V.O.C.)
pH	N/A	10% in H <sub>2</sub> O

### 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	Anionic Detergents, strong Acids & Alkaline materials
Hazardous decomposition products	No further relevant information available

**11. TOXICOLOGICAL INFORMATION (For Finished Product – Wipes)**

Acute toxicity:	Based on available data, the classification criteria are not met
Skin corrosion/irritation	See Section 2
Serious eye damage/eye irritation	Causes serious eye damage
Respiratory or Skin Sensitization	Under extreme circumstances (prolonged inhalation) might cause temporary effects such as slight respiratory irritation, dizziness and short breath.
Reproductive toxicity	Based on available data, the classification criteria are not met.

**12. ECOLOGICAL INFORMATION**

Environmental fate and distribution:	
Aquatic Toxicity	Not expected with the mode of use of the wipes
Terrestrial Environment	Not expected with the mode of use of the wipes
Persistence and degradation	The liquid is over 99% biodegradable. The fabric material is not degradable
General notes	N/A

**13. DISPOSAL CONSIDERATIONS**

Waste treatment method	Under the ordinary mode of use it is permitted to dispose of the wipes with household garbage.
Un-cleaned packaging Recommendation	Under the ordinary mode of use it is permitted to dispose of the container of the wipes with household garbage.



**14. TRANSPORT INFORMATION**

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<b>ADR/RID</b>	Class: <b>3</b> . P UN - Number: <b>1170</b> Packaging group: <b>II</b> Proper shipping name: <b>ETHANOL</b>
<b>IMDG</b>	Class: <b>3</b> Packaging group: <b>II</b> UN - Number: <b>1170</b> Marine pollutant: Yes Proper shipping name: <b>ETHANOL</b>
<b>ICAO/IATA</b>	Class: <b>3</b> UN - Number: <b>1170</b> Packaging group: <b>II</b> Marine pollutant: Yes Proper shipping name: <b>ETHANOL</b>

**15. REGULATORY INFORMATION**

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**16. OTHER INFORMATION**

All the information supplied in this data sheet is based on the current knowledge available to ECO RAD 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 ECO RAD 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 ECO RAD 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.