

# A. GUR TECHNOLOGIES

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## MSDS - Material Safety Data Sheet

### 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: **Clean-Air**

Refresher detergent & biocide for Air Conditioning Equipment.

Company Identification: A. Gur Technologies, Israel.

For information call: -972 3 6492053 \ Fax -972 3 6482892

Emergency Number: Local Health Authority.

### 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Mixture of detergents and biocide.

Surfactants & Detergents.

Poli[oxyethylen (dimethylimino) ethylenedichloride

Non-ionic surfactant Np-10

Quaternary ammonium 5%

### 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Non-Corrosive compound. May be harmful if swallowed. Non Toxic.

Sub risk: Non - Corrosive.

#### Potential Health Effects -

Eye: Irritating.

Skin: moderately irritating.

Ingestion: may be irritating to mouth, throat and stomach

Inhalation: non - hazardous.

### 4 - FIRST AID MEASURES

#### Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.

#### Skin:

non - hazardous.

#### Ingestion:

Drink plenty of water. Get medical aid. Do not induce vomiting.

#### Inhalation:

Remove to fresh air.

Get medical attention immediately.

## 5 - FIRE FIGHTING MEASURES

Non combustible compound.  
Use suitable extinguishing media - Water spray, CO2, Foam.  
Wear appropriate protective clothing.  
Mount respiratory protective device, if necessary.

## 6 - ACCIDENTAL RELEASE MEASURES

Use proper equipment.  
Ventilate area of spill.  
Spills: Dilute with a large amount of water.  
Spills/Leaks: Absorb & collect spill in suitable disposal container.

## 7 - HANDLING and STORAGE

### Handling:

Handle with care.  
Avoid contact with skin and eyes.  
Avoid breathing.  
Avoid contact with clothing

### Storage:

Store in a tightly closed container.  
Store in a cool, dry, well-ventilated area,  
away from incompatible substances as explosives.

## 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

### Engineering Controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

### Exposure Limits-

OSHA PEL: non-establish  
ACGIH TLV: non-establish  
DPG MAK: non

### Personal Protective Equipment –

Eyes: No special precautions are necessary if used as intended.  
Skin: No special precautions are necessary if used as intended.  
Clothing: No special precautions are necessary if used as intended.  
Respirators: No special precautions are necessary if used as intended.

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	liquid
Appearance:	light Blue
Odor:	pleasant
pH:	6-7
Vapor Pressure:	ab. 5 mm at 20 cen grade
Boiling Point:	> 100 c.g
Evaporation rate	< 1 ( BuAc = 1 )
Flash Point :	Not Applicable
Solubility:	Soluble in water
Specific Gravity/Density:	1.0-1.1 kg/dm <sup>3</sup>

## 10 - STABILITY AND REACTIVITY

Normally stable.

Conditions to Avoid: Incompatible materials, sunlight & heat.

light metals ( as Zn , Al ) & reactive organic compounds.

Hazardous Polymerization: Will not occur.

## 11 - TOXICOLOGICAL INFORMATION

Non toxic.

IARC carcinogenic category - none

Epidemiology: No data available.

## 12 - ECOLOGICAL INFORMATION

Do not allow compound to reach ground water sources.

Hazardous to drinking water.

Must not reach sewage water or drainage ditch undiluted or neutralized.

## 13 - DISPOSAL CONSIDERATIONS

Dilute with water.

Dispose of in a manner consistent with local regulations.

Transfer to a licensed disposal contractor.

**14 - TRANSPORT INFORMATION**

US DOT – domestic Not-regulated  
IMO - international

**15 - REGULATORY INFORMATION**

Reported \ included on the EPA TSCA inventory list.  
Community Right To Know list.  
Label: Not-regulated

**16 - ADDITIONAL INFORMATION**

According to EC Directive 91/155/EEC.  
MSDS Creation Date: 2001. Amendment, by d.k. Revision: 2, 07\2006.  
The information above is believed to be accurate & represents  
the best information currently available to us.

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make their own investigations to determine the suitability of  
the information for their particular purposes.

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