

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

## Rust and Stain Remover; Concentrated

### 1. Identification of the substance/mixture and of the company/undertaking:

#### 1.1. Product identifiers

Product Name	: Rust and Stain Remover; Concentrated
Trademark	: WARECLEAN™ RC
REF No	: 6170

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Removes rust, stains, and corrosion. Routine use of WARECLEAN RC will increase the life and enhance the efficiency of stainless-steel instruments.

#### 1.3. Detailers of the supplier of the safety data sheet:

Company Name	: GBL Gül Biyoloji Laboratuvarı Sanayi ve Ticaret Anonim Şirketi
Address	: HQ: Serifali Mah. Hattat Sk. No:10 P.O.: 34775 Ümraniye İstanbul TÜRKİYE Factory: Dudullu OSB Mah. İMES C Blok 305 Sk. No:16 P.O.: 34775 34775 Ümraniye İstanbul TÜRKİYE
Telephone	: +90 216 364 15 00
Fax	: +90 216 314 15 69
E-mail	: <a href="mailto:export@gbl.com.tr">export@gbl.com.tr</a>

#### 1.4. Emergency telephone number:

Company: +90 216 364 15 00 or contact your local emergency telephone number

### 2. Hazard identification:

#### 2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008

Skin corrosion; Category 1B; H314

For the full text of the H-statements mentioned in this Section, see Section 16.

#### 2.2. Label Elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word : Danger

Hazard statement(s) :

H314: Causes severe skin burns and eye damage.

Precautionary statement(s) :

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P405: Store locked up.  
Supplemental Hazard Statements : None.

**2.3. Other hazards:** None.

### 3. Composition/information of ingredients:

#### 3.1. Substance:

Not applicable.

#### 3.2. Mixture:

Component	Classification	Concentration
Alkyl Aryl Polyglycol Ether CAS No: 127087-87-0 EC No: 500-315-8	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Dam. 1; H318 Aquatic Chronic 2; H411	$\geq 6 - < 8 \%$
Phosphoric Acid, %85 CAS No: 7664-38-2 EC No: 231-633-2	Skin Corr. 1B; H314	$\geq 55 - < 60 \%$

For the full text of the H-statements mentioned in this Section, see Section 16.

### 4. First aid measures:

#### 4.1. Description of first aid measures

##### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

##### If inhaled

Remove the victim into fresh air. Immediately consult a doctor/medical service.

##### In case of skin contact

Wash immediately with lots of water. Remove clothing before washing. Consult a doctor/medical service.

##### In case of eye contact

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.

##### If swallowed

Rinse mouth with water. Give nothing to drink. Do not induce vomiting. Immediately consult a doctor/medical service. Take the container/vomit to the doctor/hospital.

#### 4.2. Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No data available.

### 5. Firefighting measures:

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#### 5.1. Extinguishing media

##### *Suitable extinguishing media*

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### *Unsuitable extinguishing media*

No data available.

#### 5.2. Special hazards arising from the substance or mixing.

No data available.

#### 5.3. Advice for firefighters

Special protective masks and protective clothing should be worn during firefighting. Use self-contained breathing apparatus.

#### 5.4. Further information

No data available.

### 6. Accidental release measures:

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

Avoid contact with eyes and skin. Make sure there is good ventilation. Do not breathe waste. For personal protection see section 8.

#### 6.2. Environmental precautions

Do not let product enter drains.

#### 6.3. Methods and materials for containment and cleaning up.

Stop leaks if possible. Collect spillage with non-combustible absorbent materials (sand, soil) and place in waste containers in accordance with local/national regulations.

#### 6.4. Reference to other sections

For disposal see section 13.

### 7. Handling and storage:

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#### 7.1. Precautions for safe handling

Wear personal protective equipment. Avoid contact with eyes. Make sure there is good ventilation. Avoid direct contact with the substance. For precautions see section 2.2.

#### 7.2. Conditions for safe storage, including any incompatibilities.

Ensure adequate and good ventilation. The tank must be cool and dry. Smoking, eating, and drinking should be prohibited in the environment. Store the substance / preparation in its original container.

For recommended storage temperature, see product label.

### 7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8. Exposure controls/personal protection:

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### 8.1. Control parameters

Phosphoric Acid, %85 [CAS No 7664-38-2]:

OSHA PEL: TWA 1 mg/m<sup>3</sup>

NIOSH REL: TWA 1 mg/m<sup>3</sup>

ACHIG TLV: TWA 1 mg/m<sup>3</sup>

ACHIG TLV: STEL 3 mg/m<sup>3</sup>

### 8.2. Exposure controls

#### Appropriate engineering controls

Wash hands before breaks and immediately after handling the product.

#### Personal protective equipment

*Eye/face protection:* Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts

*Skin protection:* Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

*Body protection:* Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

*Respiratory protection:* Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let the product enter drains.

## 9. Physical and chemical properties:

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

Appearance	Liquid
Color	Colorless.
Odor	No data available.
Odor threshold	No data available.
pH	No data available.
Melting point	No data available.

Boiling point	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Density	No data available.
Water solubility	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

## 9.2. Other safety information

No data available.

## 10. Stability and reactivity:

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### 10.1. Reaction

No data available.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

Risk of ignition or formation of inflammable gases or vapors with: Metals, metal alloys

Possible formation of: Hydrogen

Violent reactions possible with: Bases metallic oxides.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

Aluminum, iron/iron-containing compounds, Mild steel Gives off hydrogen by reaction with metals.

### 10.6. Hazardous decomposition products

No data available.

## 11. Toxicological information:

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### 11.1. Information on toxicological effects

#### Acute toxicity

Phosphoric Acid, %85 [CAS No 7664-38-2]:

LD50 Oral – rat – 1.530 mg/kg

LD50 Skin – rabbit – 2.740 mg/kg

Alkyl Aryl Polyglycol Ether [CAS No 127087-87-0]:

LD50 Oral – rat– 3.980 mg/kg

LD50 Skin – rabbit – 2.000-2.991 mg/kg

**Skin corrosion/irritation**

Causes severe skin burns.

**Serious eye damage/eye irritation**

Causes severe eye damage.

**Respiratory or skin sensitization**

No data available.

**Carcinogenicity**

No data available.

**Reproductive Toxicity**

No data available.

**Specific target organ toxicity – single exposure**

No data available.

**Specific target organ toxicity – repeated exposure**

No data available.

**Aspiration hazard**

No data available.

**11.2. Additional information**

No data available.

**12. Ecological information:**

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**12.1. Toxicity**

No data available.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

**13. Disposal considerations:**

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**13.1. Waste treatment methods:**

Waste materials must be disposed of in accordance with Directive 2008/98/EC and other National and Local Regulations. Leave chemicals in original containers. Do not mix with other waste. Treat uncleaned containers as the product itself.

#### 14. Transport information:

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##### ADR/RID

ADR/RID Class	: 8
UN Number	: 1760
Packaging Group	: III
Propper Shipping Name	: CORROSIVE LIQUID, N.O.S. (PHOSPHORIC ACID)
Label	: 8



Tunnel Code	: E
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##### IMDG

IMDG Class	: 8
UN Number	: 1760
Packaging Group	: III
Propper Shipping Name	: CORROSIVE LIQUID, N.O.S. (PHOSPHORIC ACID)
EmS	: F-A; S-B

##### ICAO/IATA

ICAO/IATA Class	: 8
UN Number	: 1760
Packaging Group	: III
Propper Shipping Name	: CORROSIVE LIQUID, N.O.S. (PHOSPHORIC ACID)

#### 15. Regulatory information

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##### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

##### 15.2. Chemical safety assessment

For this product a chemical safety assessment was not carried out.

#### 16. Other information:

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##### Full text of H-statements referred to under sections 2 and 3.

H302 Harmful if swallowed.

- H314 Causes severe skin burns and eye damage  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H411 Toxic to aquatic life with long lasting effects.

**Abbreviations:**

- ACHIG American Conference of Governmental Industrial Hygienists.  
ADR European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS No Chemical Abstracts Service number  
EC No European Inventory of Existing Commercial Chemical Substances  
EmS Emergency Schedule  
IATA International Air Transport Association  
ICAO International Civil Aviation Organization  
IMDG International Maritime Dangerous Good  
LC50 Lethal concentration, 50 percent  
LD50 Lethal dose, 50 percent  
NIOSH National Institute for Occupational Safety and Health  
OSHA Occupational Safety and Health Administration  
PBT Persistent, Bioaccumulative and Toxic  
PEL Permissible exposure limit  
REL Recommended exposure limit  
RID International Carriage of Dangerous Goods by Rail  
STEL Short-term exposure limit  
TLV Thresold limit value  
TWA Time-weighted average  
vPvB Very Persistent and very Bioaccumulative

**Notice to Reader:** The information contained herein is accurate to the latest knowledge and describes the product from the point of view of health and environmental protection as well as safe handling. The information presented in this SDS refers to the technical product only and will not apply to any processed product. Final determination of suitability of any materials is the sole responsibility of the user.