



## **SAFETY DATA SHEET** **SHINER SOLUTION**

Commission Regulation (EU) 2020/878 of 18 June 2020

### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **1.1. Product identifier**

**Product name** SHINER SOLUTION  
**Product code** PS1007, PS1008, PS3001, PS1002, PS3004, PS3102, PS3007, PS3008, PS3202, PS2102, PS2107, P-PS1007,F-PS

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

**Identified uses** Leather, vinyl, rubber and plastic surfaces polish.  
**Uses advised against** No specific uses advised against are identified.

#### **1.3. Details of the supplier of the safety data sheet**

**Supplier** ÇİĞİR KİMYA SANAYİ VE TİCARET ANONİM ŞİRKETİ  
Yeşilköy Mah.Atatürk Cad.BI.N.12  
Egs Business Park B2 Blok No.1  
Bakırköy İstanbul TURKEY  
T: +90 282 655 5050  
[www.new-silver.com](http://www.new-silver.com)

**Contact Person** Önder İSMAİLLER

#### **1.4. Emergency telephone number**

ÇİĞİR KİMYA: +90 0282 655 50 50 (working hours)

### **SECTION 2: HAZARDS IDENTIFICATION**

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

##### **Classification (EC 1272/2008)**

Physical and Chemical Hazards Not classified.  
Human health Not classified.  
Environment Not classified.

#### **2.2. Label elements**

##### **Label In Accordance With (EC) No. 1272/2008**

Not classified.

**Signal Word** None.

##### **Hazard Statements**

Not classified.

##### **Precautionary Statements**

Not classified.

#### **2.3. Other hazards**

This product does not contain another predicted danger.  
This product does not contain any substances classified as PBT or vPvB.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### **3.1. Substance**

Not applicable.



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### **3.2. Mixtures**

This product does not contain any substance which may be considered hazardous to the health and environment, according to the current legislation (1272/2008) It also does not contain any substances with a known exposure limit.

#### **Composition Comments**

- The data shown are in accordance with the latest EC Directives.

### **SECTION 4: FIRST AID MEASURES**

#### **4.1. Description of first aid measures**

##### **General information**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### **Inhalation**

Move person into fresh air and keep at rest. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

##### **Ingestion**

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

##### **Skin contact**

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

##### **Eye contact**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**Inhalation** : Headache, fatigue, dizziness.

**Ingestion** : Nausea, vomiting.

**Skin contact** : Redness, slightly irritation

**Eye contact** : Redness, slightly irritation.

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

Treat Symptomatically.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

##### **Extinguishing media**

Water, dry chemical powder, carbon dioxide.

##### **Unsuitable extinguishing media**

DO NOT use water jet.

#### **5.2. Special hazards arising from the substance or mixture**

##### **Specific hazards**

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### **5.3. Advice for firefighters**

##### **Special Fire Fighting Procedures**

Move container from fire area if it can be done without risk. Keep run-off water out of sewers and water sources. Dike for water control. Emergency personnel, except of course provide the move away from the fire area. Fire residues and contaminated fire extinguishing water must be disposed of according to local regulations.



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### **Protective equipment for fire-fighters**

Face mask, protective gloves and safety helmet. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear protective clothing as described in Section 8 of this safety data sheet. Remove all ignition sources. No smoking. Ventilate. Provide adequate ventilation. Do not breathe vapour. Avoid contact with skin and eyes.

### **6.2. Environmental precautions**

Avoid discharge into water courses or onto the ground.

### **6.3. Methods and material for containment and cleaning up**

**Large Spillages:** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

**Small Spillages:** Wear necessary protective equipment. Absorb spillage with suitable absorbent material.

### **6.4. Reference to other sections**

For personal protection, see section 8.

See section 11 for additional information on health hazards.

For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

Do not eat, drink or smoke when using the product. Observe good chemical hygiene practices.

Container must be kept tightly closed. Protect against direct sunlight.

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

Store in tightly closed original container in a dry and cool place. Protect from direct sunlight.

Keep away from food, drink and animal feeding stuffs. Keep containers upright.

Storage Temperature: -10 / +40 °C

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

#### **Ingredient Comments**

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

#### **Protective equipment**



#### **Process conditions**

Use engineering controls to reduce air contamination to permissible exposure level.

#### **Engineering measures**

Provide adequate general and local exhaust ventilation.



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### **Respiratory equipment**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

### **Hand protection**

Use protective gloves made of: Rubber, neoprene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### **Eye protection**

Wear splash-proof eye goggles to prevent any possibility of eye contact.

### **Hygiene measures**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Isolate contaminated clothing and wash before reuse.

### **Skin protection**

Wear apron or protective clothing in case of contact.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

<b>Appearance</b>	Liquid
<b>Colour</b>	No data available.
<b>Odour</b>	No data available.
<b>Odor threshold</b>	No data available.
<b>Solubility</b>	Insoluble in water
<b>pH Value</b>	5-7
<b>Melting Point</b>	No data available.
<b>Initial boiling point and boiling range</b>	No data available.
<b>Flash point</b>	No data available.
<b>Flammability (solid, gas)</b>	No data available.
<b>Auto-Ignition Temperature</b>	No data available.
<b>Vapour pressure</b>	No data available.
<b>Density</b>	0,94-0,98 g/ml
<b>Solid content</b>	No data available.
<b>Evaporation rate</b>	No data available.
<b>Partition Coefficient (N-octanol/water)</b>	No data available.
<b>Viscosity</b>	285-305 second (DIN 4 CUP)
<b>Oxidising properties</b>	Not oxidizer
<b>Explosive properties</b>	Not explosive
<b>Particle characteristics</b>	Not applicable.

### **9.2. Other information**

No information required.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

There are no known reactivity hazards associated with this product.



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### **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

### **10.3. Possibility of hazardous reactions**

Unknown.

### **10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition.

### **10.5. Incompatible materials**

Strong oxides.

### **10.6. Hazardous decomposition products**

**Fire creates:** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity:** Based on available data the classification criteria are not met.

#### **Serious eye damage/irritation**

Based on available data the classification criteria are not met.

#### **Skin corrosion/irritation**

Based on available data the classification criteria are not met.

#### **Skin sensitisation**

Based on available data the classification criteria are not met.

#### **Respiratory sensitisation**

Based on available data the classification criteria are not met.

#### **Germ cell mutagenicity**

#### **Genotoxicity - In Vitro/ In Vivo**

Based on available data the classification criteria are not met.

#### **Carcinogenicity**

Based on available data the classification criteria are not met.

#### **Reproductive Toxicity – (Fertility/ Development)**

Based on available data the classification criteria are not met.

#### **Specific target organ toxicity - single exposure**

Based on available data the classification criteria are not met.

#### **Specific target organ toxicity - repeated exposure**

Based on available data the classification criteria are not met.

#### **Aspiration hazard**

Based on available data the classification criteria are not met.

### **11.2. Information on other hazards**

This product does not contain any known or suspected endocrine disruptors.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

No data available. Not regarded as dangerous for the environment.



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### **12.2. Persistence and degradability**

No information available.

### **12.3. Bioaccumulative potential**

The product is not bioaccumulating.

### **12.4. Mobility in soil**

No information available.

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

This product does not contain any PBT or vPvB substances.

### **12.6. Endocrine disrupting properties**

This product does not contain any known or suspected endocrine disruptors.

### **12.7. Other adverse effects**

Not available.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Product can dispose as household waste. Empty containers must not be burned because of explosion hazard.

## **SECTION 14: TRANSPORT INFORMATION**

### **General Information**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number or ID number**

Not applicable.

### **14.2. UN proper shipping name**

Not applicable.

### **14.3. Transport hazard class(es)**

Not applicable.

### **14.4. Packing group**

Not applicable.

### **14.5. Environmental hazards**

**Environmentally Hazardous Substance/Marine Pollutant**

No.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Maritime transport in bulk according to IMO instruments**

Not applicable.

## **SECTION 15: REGULATORY INFORMATION**

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

#### **Uk Regulatory References**

Highly Flammable Liquid Regulations 1972.



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### **Guidance Notes**

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

### **EU Legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures and Regulation (EC) No 1907/2006 with amendments.  
Commission Regulation (EU) 2020/878 of 18 June 2020.

### **Seveso Directive - Control of major accident hazards**

Not relevant.

### **Authorisations (SI 2020 No. 1577 Annex XIV) and REACH 1907/2006, Annex XIV**

No specific authorisations are known for this product.

### **Restrictions (SI 2020 No. 1577 Annex XVII) and REACH 1907/2006, Annex XVII**

No specific restrictions on use are known for this product.

### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

## **SECTION 16: OTHER INFORMATION**

### **Abbreviations and acronyms used in the safety data sheet**

ADR: European Agreement on International Carriage of Dangerous Goods by Road.  
ADN: European Agreement on the International Carriage of Dangerous Goods by Inland Waterways.  
RID: European Agreement on International Carriage of Dangerous Goods by Rail.  
IATA: International Air Transport Association.  
ICAO-TI: Technical Specification for Safe Transport of Dangerous Goods by Air.  
IMDG: International Maritime Dangerous Goods.  
TWA: Time weighted average  
ATE: Estimated value of acute toxicity  
EC No: European Community number  
CAS: Chemical Theory Service.  
LD50: Substance that causes 50% (half) death in the test animals group (Median Fatal Dose).  
LC50: Substance concentration causing 50% (half) death in the test animals group.  
EC50: Effective Concentration of the substance causing the maximum of 50%.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Permanent, Very Biofriendly.  
SEA: Classification, labeling, packaging regulation  
DNEL: Derivative Inactive Level  
PNEC: Estimated Unaffected Concentration  
BHOT: Specific Target Organ Toxicity

### **Information Sources**

This SDS is prepared based on the information received from the product owner.  
ECHA – [www.echa.europa.eu](http://www.echa.europa.eu)

### **Revision Comments**

Updated according to current regulations.

### **Issued By**

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### **Issued Note**

This SDS is prepared based on the information and documents received from product owner. CRAD or/and SDS author shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.