



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

## STRONG OIL REMOVER S90

Date of revision : 00  
SDS Number: GBF-SDS0223

Date of SDS :09.09.2022

### 1- IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

#### 1.1- Substance/Mixture Identifier: STRONG OIL REMOVER S90

#### 1.2- Relevant identified uses of the substance advised against:

**Identified uses** : It removes the oil layer formed on the tools in a short time  
**Used advised against** : Do not use for any other purpose.

#### 1.3- Details of the supplier of the safety data sheet:

**Company** : MACRONEX DIŞ TİC.LTD.ŞTİ  
**Address** : Acıbadem Cad.Acıbadem Mah.no:173/A 34660 ISTANBUL  
**Phone** : 0216326 00 02  
**Fax** : -  
**E-mail** : info@macronex.com.tr

1.4- Emergency telephone number: UZEM:114 112 110

### 2- HAZARDS IDENTIFICATION

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

##### Classification (according to EC 1272/2008):

The substance does not meet the criteria for classification.

**Physical hazards:** Not classified.

**Health hazards:** Not classified.

**Environmental hazards:** Not classified.

Notes: For the full text of the H sentences mentioned in this Section, see Section 16.

#### 2.2- Label elements (according to EC 1272/2008):

GHS Pictograms Danger



Signal word

#### 2.3- Other hazards

This mixture does not contain substances assessed to be PvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

### 3- COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1- Substance

Not applicable

#### 3.2- Mixture

Components:



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Chemical Name	CAS No.	EC No.	%	Classification
LIQUID NAOH	68442-85-3 / 61788-77-0	270-493-7 / -	1-5	Sodium hydroxide 215-185-5 1310-73-2 Eye Irrit. 2; H319: $0.5\% \leq C < 2\%$ Skin Corr. 2; H315: $0.5\% \leq C < 2\%$ Skin Corr. 1 A; H314: $C \geq 5\%$ Skin Corr. 1B; H314: $2\% \leq C < 5\%$

Notes: The full text for all H-statements is displayed in section 16.

## 4- FIRST AID MEASURES

### 4.1- Description of first aid measures

Eye contact	Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin contact	Wash with plenty of soap and water. If irritation occurs seek medical advice.
Ingestion	Edible food product, no special precaution required.
Inhalation	No special precaution required, supply fresh air if necessary.

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

Eye contact	May cause discomfort to eyes.
Skin contact	No effect expected.
Ingestion	Food grade oil, no special precaution required.
Inhalation	No effect expected.

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

Treat symptomatically.

## 5- FIRE FIGHTING MEASURES

### 5.1- Extinguishing Media Suitable

#### extinguishing media

This product is not flammable. Use fire extinguishing methods suitable to surrounding conditions: Foam, fire-extinguishing powder or carbon dioxide.

#### Unsuitable extinguishing media

Do not use water jet.

### 5.2- Special hazards arising from the substance or mixture

**Hazardous combustion products:** Fire causes formation of toxic gases. Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO).

### 5.3- Advice for firefighters Special firefighting methods:

Cool containers exposed to flame with water. Limit the spread of product. Use air supplied equipment for fighting interior fires.

#### Special protective equipment for firefighters:

Face protection, protective gloves and helmet. Wear self-contained breathing apparatus and appropriate



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protective clothing.

### 6- ACCIDENTAL RELEASE MEASURES

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

Spilled material can be a slipping hazard. Take precautionary measures for the slippery ground. Avoid eyes and skin contact

#### 6.2- Environmental precautions

Avoid release to the environment. Dispose of contents/container to a hazardous or special waste collection point in accordance with local, regional, national and/or international regulations.

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

Absorb onto an inert, absorbent substrate and sweep up. Wash area with detergent and water. Spilled material can be a slipping hazard. Eliminate flames, sparks, excessive temperatures

#### 6.4- References to other sections

For information on safe handling see section 7, for information on personal protection equipment see section 8, for disposal-related information see section 13.

### 7- HANDLING AND STORAGE

#### 7.1- Precautions for safe handling

Keep away from sources of ignition and open flames. Avoid eyes contact. Observe good chemical hygiene practices. Do not eat, drink or smoke during use.

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

Store in a cool, dry location, in a sealed container. Do not store together with strong oxidizing agents. Keep away from heat sources, open flames and direct sunlight. Recommended storage temperature: 15 - 25 °C.

#### 7.3- Specific end use(s)

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

### 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1- Control parameters

Sodium Hydroxide (1310-73-2)		
OSHA	STEL (15 Min)	2 mg/m3

8.2-

#### Exposure controls

**8.2.1. Appropriate engineering controls:** Provide adequate ventilation.

**8.2.2. Individual protection measures, such as personal protective equipment:**

**Hand Protection:** Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374.

**Glove material:** Nitrile rubber

**Glove thickness:** > 0.11 mm

**Absorption time:** > 480 min





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### Skin protection:

Wear apron or protective clothing to prevent any possibility of skin contact.

### Eye/face protection:

Use safety goggles with side protection.

### Health Measures

Wash hands after contact.

Change work clothes daily before leaving the workplace.

Wash workwear before reuse. Do not eat, drink or smoke during use.

Handle in accordance with industrial hygiene and safety rules.

### Hygiene measures

Remove the contaminated clothing. Use appropriate skin cream to prevent drying of the skin. Do not eat, drink or smoke while using the product.

### Respiratory protection:

No specific recommendation made, but respiratory protection may be required under exceptional circumstances when excessive air pollution exist.



## 9- PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	:Viscous liquid
Colour	: Characteristic.
Odour	: Characteristic.
Melting point	: Not applicable
Boiling point	: No data available.
Flash point (°C)	: Not data available.
Density, gr/cm <sup>3</sup> @ 20 °C	: 1,02gr/cm
pH Value, @ 25°C	: No data available.
Solubility in water	: Less Soluble in water.
Viscosity, mPa's @ 20°C	: No data available.
Explosive properties	: No explosive properties.
Oxidising property	: No oxidizing property.

### 9.2- Other information:

No data available

## 10- STABILITY AND REACTIVITY

### 10.1- Reactivity

Stable under normal temperatures and pressures. Becomes rancid on exposure to air; begins to get turbid at 5 to 10 °C.

### 10.2- Chemical stability

Stable under normal temperature conditions, recommended uses and at prescribed storage conditions.

### 10.3- Possibility of hazardous reactions

No known hazardous reactions.

### 10.4- Conditions to avoid



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Heat, high temperatures, exposure to air, and incompatible materials.

### 10.5- Incompatible materials

Strong oxidizing agents, acids.

### 10.6-Hazardous decomposition products

Hazardous combustion products: see section 5.

## 11- TOXICOLOGICAL INFORMATION

### 11.1- Information on toxicological effects

#### Acute Toxicity

Substance or Compound,	EC No	CAS No	Content	% LD50 Oral	LD50 Dermal (By skin)	LC50 Inhalation (with breath)
Sodium hydroxide	215-185-5	1310-73-2	5 - 15	LDLo: 500 mg/kg (tavşan)	1350 mg/kg (siçan)	-

#### Chronic toxicity (Carcinogenic Effect):

Substance or Compound,	EC No	CAS No	Carcinogenic Effect):			
			ACGIH	IARC	NTP	OSHA
Sodium hydroxide	215-185-5	1310-73-2	-	-	-	-

#### Kronik Toxicity:

Substance or Compound,	EC No	CAS No	Mutagenic Effect On Reproduction	Toxicity Endocrine Degradation	Endocrine Degradation	
					On The Candid List	Evulated
Sodium hydroxide	215-185-5	1310-73-2	-	-	-	-

#### Skin Irritation/Irritation

Substance or Compound,	EC No	CAS No	Skin Irritation	Eye Irritation
Sodium hydroxide	215-185-5	1310-73-2	(Rabbit)	Abrasive (Rabbit)



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### Sensitization

Substance or Compound,	EC No	CAS No	Skin Irritation	Eye Irritation
Sodium hydroxide	215-185-5	1310-73-2	(Rabbit)	Abrasive (Rabbit)

Based on available information, it does not meet the classification criteria.

### Serious eye damage/irritation

Based on available information, it does not meet the classification criteria.

### Respiratory or skin sensitization

Based on available information, it does not meet the classification criteria.

### Germ cell mutagenicity

Based on available information, it does not meet the classification criteria.

### Carcinogenicity

Based on available information, it does not meet the classification criteria.

### Reproductive toxicity

Based on available information, it does not meet the classification criteria.

### Specific Target Organ Toxicity – Single exposure

Based on available information, it does not meet the classification criteria.

### Specific target organ toxicity - repeated exposure

Based on available information, it does not meet the classification criteria.

### Aspiration damage

Based on available information, it does not meet the classification criteria.

No data available.

### Specific Target Organ Toxicity (Repeated Exposure)

No data available.

### Aspiration Hazard

No data available.

## 12- ECOLOGICAL INFORMATION

### 12.1- Toxicity

Persistence and degradability



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### 12.2- Persistence and Degradability

Data not available.

### 12.3- Bioaccumulative potential

No data available.

### 12.4- Mobility in soil

No data available.

### 12.5- Results of PBT and vPvB assessment

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

### 12.6- Other adverse effects

No data available.


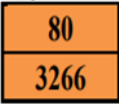
## 13- DISPOSAL CONSIDERATIONS

### 13.1- Waste treatment methods

This product is not hazardous waste. Dispose of according to local, state and federal regulations. The used packages can be recycled after they have been completely emptied and rinsed with water. In this way, the municipality can be collected by waste disposal organizations. It can be sold to commercial waste companies. You can also return it to the manufacturer. Observe the relevant rules of the state and regional authority. It must be disposed of in accordance with official regulations.

## 14- TRANSPORT INFORMATION

**Product is not classified as dangerous in the meaning of transport regulations (ADR/RID, ADN, IMDG and ICAO/IATA).**

14.1- UN number	UN 3266	
14.2- UN proper shipping name INORGANIC, N.O.S.	CORROSIVE LIQUID, BASIC,	
14.3- Transport hazard class(es)	8	
14.4- Packing Group	III	
14.5- Environmental hazard	It is not harmful to the environment.	
14.6- Special precautions for user	Not applicable.	
Limited quantity (ADR/RID)	5 Kg	
Exceptional quantity (ADR/RID)	E1	
Tank code(ADR/RID)	L4BN	
Tunnel code	3(E)	
orange plates		

14.7- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
No information available.



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### Maritime transport (IMDG Code)

14.1- UN number	UN 3266	
14.2- UN proper shipping name	CORROSIVE LIQUID, BASIC,	
INORGANIC, N.O.S.		
14.3- Transport hazard class(es)	8	
14.4- Packing Group	III	
14.5- Environmental hazard	It is not harmful to the environment.	
14.6- Special precautions for user	Not applicable.	
Limited quantity (ADR/RID)	5 Kg	
Exceptional quantity (ADR/RID)	E1	
EmS No (Fire)	F-A	
N*FS (Spill)	B-W	

### Air transport (ICAO-IATA/DGR)

14.1- UN number	UN3266
14.2- UN proper shipping name	CORROSIVE LIQUID, BASIC,
INORGANIC, N.B.B.	
	(Sodium hydroxide)
14.3- Transport hazard class(es)	8
14.4- Packing group	III
14.5- Environmental hazards	It is not harmful to the environment.
14.6- To MARPOL 73/78 annex II and IBC code	
bulk transport	Not applicable

## 15- REGULATORY INFORMATION

15.1- Safety, health and environmental regulations/legislations specific for the substance or mixture





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- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,
- Commission Directive 2000/39/EC.
- Council Directive 91/689/EEC
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

## 16- OTHER INFORMATION

### List of abbreviations

ADR	European Agreement Concerning the Int. Carriage of Dangerous Goods by Road
CAS No	Chemical Abstract Service Index Number
CLP	Regulation of Classification, Labelling and Packaging of Chemicals
EC No	European Commission Number
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LD50	Dosage producing 50% mortality
NIOSH	National Institute for Occupational Safety and Health
PBT	Persistent Bioaccumulative Toxic
RID	International Rule for Transport of Dangerous Substances by Railway
vPvB	Very Persistent, Very Bioaccumulative

### Other Information:

Date Prepared	09.09.2022
Revision No	00
Revision Date	00
Organized by	HANDAN KAVI (TUV/11.25.04&02.01.2020)

### Training information

Follow training instructions when handling this material.

### Disclaimer

This information relates to a specific product and is not available for use in combination with any process or with any other material. Do not use on other application (s) without consulting the manufacturer. Information about the product in this Safety Data Sheet has been compiled from knowledge of the individual components. The data given here is based on current knowledge and experience. This Safety Data Sheet analyzes the product in terms of safety requirements and does not give any guarantee of the properties for the product. Usage of the information remains under the sole responsibility of the user.