



# SAFETY DATA SHEET

## EGR CLEANER SPRAY

Product Name: EGR Cleaner Spray  
GBF Form No: M-00302

Preparation Date: 12.12.2025  
Revision Date/Number: 00/00

*According to Commission Regulation (EU) 2020/878 as amended*

### 1. Description of the substance/mixture and of the company/distributor;

#### 1.1. The identity of the substance/mixture;

Product form : Mixture  
Trade Name : EGR Cleaner Spray  
EC Number : Unknown  
CAS Number : Unknown

#### 1.2. Identified uses of the substance or mixture and uses advised against;

It is used to clean the air intake system, air flow sensor, intake manifold, EGR and turbo systems of diesel engines. Its use is recommended at every service for the intake manifold, intake valves, EGR valve and turbos of diesel engines.

#### 1.3. Information about the supplier of the Safety Data Sheet;

Manufacturer : MAXRAY Kimya San. ve Tic. Ltd. Şti.  
Address : Mimar Sinan Mah. Üsküdar Cad. YEDPA No:1 Cad. Inner door No:2  
ATAŞEHİR/İSTANBUL  
Phone : +90 850 307 04 47  
Email : info@maxray.com.tr  
Contact Person : Nurullah Düzgün  
Product Code : MX-77999  
Product Type : Cleaning

#### 1.4. Emergency phone number;

Emergency phone number : 114 (Poison Control Center / For local calls only.)

### 2. Hazard identification;

#### 2.1. Classification of substances and mixtures;

#### Classification of the mixture in accordance with Regulation (EC) No 1272/2008.

Flammable Aerosol, Hazard Category 1	H222
Pressure Vessel	H229
Reproductive System Toxic, Hazard Category 1A	H360
Aspiration Toxicity, Hazard Category 1	H304
Skin irritation, Hazard Category 2	H315
Eye irritation, Hazard Category 2	H319
BHOT Single Mrz, Pest Category 3	H335
BHOT Single Mrz, Hazard Category 3 (Dizziness)	H336
BHOT Tek. Mrz, Pest Category 2	H373
Aquatic Chronic Pest, Category 3	H412

The full text of the H statements; see Section 16.

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#### 2.2. Label elements;

Classification of the mixture in accordance with Regulation (EC) No 1272/2008.



Hazard Label (SEA) :

GHS02

GHS07

GHS08

GHS04

Warning word (SEA) : Danger

Hazard Statements (SEA) :

H222 - Highly flammable aerosol

H229 - Pressure vessel: May crack if heated.

H360 - May cause harm to the unborn child or impair fertility.

H304 - Fatal if inhaled or swallowed.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

H373 - May cause organ damage through prolonged or repeated exposure. <Large lesions and masses>. <Oral and Inhalation>

H412 - Long-lasting harmful effects in aquatic environment.

EUH066 - Repeated exposure may cause dryness and cracking of the skin.

Precautionary Statements (SEA) :

P201 - Read the special instructions before use.

P202 - Do not handle unless all safety warnings have been read and understood.

P210 - Keep away from heat/sparks/flames/hot surfaces. - No smoking.

P211 - Do not spray towards flames or other sources of ignition.

P251 - Pressure vessel: Do not puncture or burn, even after use.

P260 - Do not inhale dust/fumes/gas/mist/vapor/spray.

P264 - Wash hands thoroughly with water after handling.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Use protective gloves/protective clothing/eye protection/face protection.

P312 - If you feel unwell, call the NATIONAL POISON CONTROL CENTER on 114 or your doctor/physician.

P321 - Special intervention required (see label)

P331 - Do not induce vomiting.

P362 - Remove soiled clothing and wash it before reusing.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

If exposed to or interacting with P308+P313: Seek medical advice/care.

P304+P340 - IF INHALED: Remove the affected person to fresh air and ensure they are in a position where they can breathe easily.

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P305+P351+P338 - IF IN CONTACT WITH EYES: Rinse carefully with water for several minutes.

Remove contact lenses, if any and easy to remove. Rinse thoroughly.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P301+P310 - IF SWALLOWED: Call the National Poison Control Center on 114 or a doctor/physician.

P337+P313 - If eye irritation persists: Seek medical advice/attention.

P370+P378 - In case of fire: Use dry powder or CO2 to extinguish.

P405 - Keep in a locked area.

P403+P233 - Store in a well-ventilated area. Keep container tightly closed.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122F.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations (as specified). Indicate whether this applies to the contents, container, or both, as instructed by the manufacturer/supplier or competent authority.

#### 2.3. Other damages;

It does not contain PBT or vPvB substances.

#### 3. Information about its composition/ingredients;

##### 3.1. Items;

Not applicable.

##### 3.2. Mixtures

Name of the Substance	CAS Number	EC Number	%	Classification in accordance with the "Regulation on the Classification, Labelling and Packaging of Substances and Mixtures" (SEA), published in the Official Gazette dated December 11, 2013, and numbered 28848 (mükerrer).	Pictograms
Acetone	67-64-1	200-662-2	5-15	Flame. Liquid 2, H225 Eye Test.2, H319 BHOT TEK MRZ.3,H336 EUH066	GHS02 GHS07 Dangerous
Xylene	1330-20-7	215-535-7	40-50	Flame.Liquid 3, H226 Acute Tox. 4,H312 Asp.Tok.1, H304 Volume Tah.2, H315 Eye Test.2, H319 BHOT TEK MRZ.3,H335 Acute Tox.4,H332 BHOT TEK. MRZ.2,H373 Aquatic Chronicle 3, H412	GHS02 GHS07 GHS08 Dangerous
Butanone	78-93-3	201-159-0	30-40	Flame. Liquid 2, H225 Eye Test.2, H319 BHOT TEK MRZ.3,H336	GHS02 GHS07 Dangerous
Propan-2-ol	67-63-0	200-661-7	5-15	Flame. Liquid 2, H225 Eye Test.2, H319 BHOT TEK MRZ.3,H336	GHS02 GHS07 Dangerous



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Carbon dioxide	124-38-9	204-696-9	3-5	Unclassified.	-
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The full text of the H statements: see Section 16

#### 4. First aid measures;

##### 4.1. Explanation of first aid measures;

General Information	Immediately remove contaminated clothing or footwear. Remove the victim from the scene. Flammable liquid and vapor. Ensure adequate ventilation. Seek medical assistance – show SDS or label if possible. If the victim is likely to lose consciousness, lay them on their side and transport them.
Inhalation	Remove the patient from the danger zone to fresh air and seek medical assistance. Keep the patient warm and allow them to rest. Administer oxygen if necessary. Perform cardiopulmonary resuscitation (CPR) if cardiac arrest occurs.
Contact with skin	Remove all contaminated clothing and shoes. Wash the affected area with soap and water for 15 minutes. Apply cream to the skin. Seek medical attention if irritation occurs.
Eye contact	Immediately lift your eyelids and rinse thoroughly with plenty of water for 15 minutes. Remove contact lenses if possible. Continue rinsing. Seek medical attention if you experience pain, burning, or photophobia.
If swallowed	Do not induce vomiting. If vomiting occurs, keep the head low to prevent aspiration into the lungs. Rinse the mouth. Give water to drink. Do not give milk or alcohol. Do not give anything by mouth to an unconscious person. Take to the hospital immediately. Activated charcoal can be given to replace the acetone.

##### 4.2. Significant symptoms and effects, both immediate and delayed.

Inhalation	: Airway irritation, sore throat, headache, nausea, cough, difficulty breathing, chest tightness, gasping for air.
Skin contact	: Skin irritation, dryness, and cracking.
Eye contact	: Eye irritation, redness, swelling.
If swallowed	: Causes stomach and intestinal upset.
Aspiration	: Unknown

##### 4.3. The first signs that require medical intervention and specialized treatment.

Central nervous system problems may occur. Observation should be maintained for several hours. Acetone-induced pneumonia or pulmonary edema may develop. Activated charcoal is used in solution form (30 g/240 ml water). Adults may use 25-100 g.

#### 5. Firefighting measures;

##### 5.1. Fire extinguishers

Suitable for	: Carbon dioxide, dry chemicals, water mist, alcohol-resistant foam.
Not suitable	: Do not use a water jet. Using water with foam can damage the foam.

##### 5.2. Specific hazards arising from the substance or mixture.

Specific exposure hazards	: Vapors accumulating on the surface due to carbon monoxide formation can cause burns.
Hazardous thermal	: Carbon monoxide, carbon dioxide, and unburned hydrocarbons

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decomposition products produced during combustion.

#### 5.3. Recommendations for firefighting teams

Special for firefighters. Use full-face mask protective clothing in positive pressure mode with a breathing apparatus. Cool the outside of the containers with water.

#### 6. Measures to prevent accidental release;

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

Personal precautions : Avoid sources of ignition. Do not smoke. Avoid inhaling vapors. Ensure adequate ventilation. Vapors may accumulate in confined spaces. Use chemical protective clothing and a respirator.

##### 6.2. Environmental measures

Environmental measures : Prevent spills and spread. Prevent spread into sewers, drains, rivers, lakes, and streams. If spillage occurs in enclosed areas, ensure adequate ventilation. If spillage occurs into water sources, notify the authorities.

Other information : Unknown.

##### 6.3. Methods and materials for preservation and cleaning.

Cleaning methods : Vacuum up large debris. Absorb with inert absorbents (sand, soil, vermiculite, etc.). Send to waste collection areas. Ensure adequate ventilation. Avoid sources of flame and do not smoke.

##### 6.4. References to other sections

References to other sections : See also section 8.

#### 7. Handling and storage;

##### 7.1. Precautions for safe handling

Precautions for safe handling : Handle in well-ventilated areas. Do not inhale vapors. Avoid skin contact. Prevent static electricity buildup. Prevent slippery surfaces. Wear personal protective equipment. Do not smoke. Do not eat or drink. Use a grounding system. Do not swallow. Use only explosion-proof equipment.

##### 7.2. Conditions for secure storage, including disputes.

Storage conditions : Store in a way that will not contaminate water sources. Static electricity generation must be prevented. Store away from flames and heat sources. Store away from oxidizers and corrosive materials. Store in a cool, well-ventilated environment. Keep the packaging tightly closed. Opened packaging must be tightly resealed to prevent leakage. Vapors accumulating at the top may be explosive if not jacketed with inert gas. Avoid direct sunlight. Store between 5-25°C. Do not smoke.

Recommended packaging : Store only in the packaging in which it was supplied.

##### 7.3. Specific end uses

Usage : Use only as directed.

#### 8. Exposure control/personal protection;

##### 8.1. Control parameters

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Acetone

Observed Effects	Exposure	DNEL	Type of Toxicity
Worker damage limits			
Inhalation - Systemic Effects	Prolonged exposure	1210 mg/ m <sup>3</sup>	
	Acute/Short-term exposure	Low damage	
Inhalation - Local Effects	Prolonged exposure	Low damage	
	Acute/Short-term exposure	2420 mg/ m <sup>3</sup>	
Dermal-Systemic Effects	Prolonged exposure	186 mg/kg body weight/day	
	Acute/Short-term exposure	8238 mg/kg body weight/day (NOAEL)	
Dermal-Local Effects	Prolonged exposure	Low damage	
	Acute/Short-term exposure	Low damage	
Eye-Local Effects	Low damage.		
Damage limits for the general population.			
Inhalation - Systemic Effects	Prolonged exposure	200 mg/ m <sup>3</sup>	
	Acute/Short-term exposure	Low damage	
Inhalation - Local Effects	Prolonged exposure	Low damage	
	Acute/Short-term exposure	Low damage	
Dermal-Systemic Effects	Prolonged exposure	62 mg/kg body weight/day	
	Acute/Short-term exposure	Low damage	
Dermal-Local Effects	Prolonged exposure	Low damage	
	Acute/Short-term exposure	Low damage	
Oral-Systemic Effects	Prolonged exposure	62 mg/kg body weight/day	
	Acute/Short-term exposure	Low damage	
Eye-Local Effects	Low damage.		

Propan-2-ol

Observed Effects	Exposure	DNEL	Type of Toxicity
Worker damage limits			
Inhalation - Systemic Effects	Prolonged exposure	500 mg/ m <sup>3</sup>	
Dermal-Systemic Effects	Prolonged exposure	888 mg/kg body weight/day	
Damage limits for the general population.			



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Inhalation - Systemic Effects	Prolonged exposure	89 mg/ m <sup>3</sup>	Repeated dose toxicity
Dermal-Systemic Effects	Prolonged exposure	319 mg/kg body weight/day	Repeated Dose Toxicity
Oral-Systemic Effects	Prolonged exposure	26 mg/kg body weight/day	Repeated Dose Toxicity

Xylene

Observed Effects	Exposure	DNEL	Type of Toxicity
Worker damage limits			
Inhalation - Systemic Effects	Prolonged exposure	221 mg/ m <sup>3</sup>	Neurotoxicity
	Acute/Short-term exposure	442 mg/ m <sup>3</sup>	Neurotoxicity
Inhalation - Local Effects	Prolonged exposure	221 mg/ m <sup>3</sup>	Irritation (Respiratory system)
	Acute/Short-term exposure	442 mg/ m <sup>3</sup>	Irritation (Respiratory system)
Dermal-Systemic Effects	Prolonged exposure	212 mg/kg body weight/day	Neurotoxicity
	Acute/Short-term exposure	Low damage.	
Dermal-Local Effects	Prolonged exposure	No damage was reported.	
	Acute/Short-term exposure	Low damage.	
Eye-Local Effects	Low damage.		
Damage limits for the general population.			
Inhalation - Systemic Effects	Prolonged exposure	65.3 mg/ m <sup>3</sup>	Neurotoxicity
	Acute/Short-term exposure	260 mg/ m <sup>3</sup>	Neurotoxicity
Inhalation - Local Effects	Prolonged exposure	65.3 mg/ m <sup>3</sup>	Irritation (Respiratory system)
	Acute/Short-term exposure	260 mg/ m <sup>3</sup>	Irritation (Respiratory system)
Dermal-Systemic Effects	Prolonged exposure	125 mg/kg body weight/day	Neurotoxicity
	Acute/Short-term exposure	Low damage.	
Dermal-Local Effects	Prolonged exposure	No damage was reported.	
	Acute/Short-term exposure	Low damage.	
Oral-Systemic Effects	Prolonged exposure	12.5 mg/kg body weight/day	Repeated dose toxicity
		250 mg/kg body weight/day (NOAEL)	
Eye-Local Effects	Low damage.		

Butanone

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Observed Effects	Exposure	DNEL	Type of Toxicity
Worker damage limits			
Inhalation - Systemic Effects	Prolonged exposure	600 mg/ m <sup>3</sup>	Repeated Dose Toxicity
Dermal-Systemic Effects	Prolonged exposure	1161 mg/kg body weight/day	Repeated Dose Toxicity
Damage limits for the general population.			
Inhalation - Systemic Effects	Prolonged exposure	106 mg/ m <sup>3</sup>	Repeated Dose Toxicity
Dermal-Systemic Effects	Prolonged exposure	412 mg/kg body weight/day	Repeated Dose Toxicity
Oral-Systemic Effects	Prolonged exposure	31 mg/kg body weight/day	Repeated dose toxicity

#### 8.2. Exposure controls

- Engineering measures : Ensure adequate general and local ventilation. The ventilation system should be regularly maintained and inspected. Observe the exposure limits of the product or content.
- Hygiene precautions : General hygiene rules regarding the use of chemical substances should be applied. Wash your hands during breaks and after work. Keep away from food, drinks, and meals. Remove contaminated clothing and protective equipment before entering eating areas.
- Personal protective equipment : The effectiveness of personal protective equipment depends, among other factors, on temperature and ventilation. Professional advice should be sought depending on the specific situation.
- Body protection : Wear solvent-resistant protective clothing, work overalls or suit, and flame-retardant antistatic shoes conforming to EN 345/347 standard. Suitable material: nitrile. Penetration time: impermeable.
- Respiratory protection : In well-ventilated areas, no special equipment is required. In poorly ventilated areas, use artificial respiration. (EN 371)
- Hand protection : Wear gloves conforming to EN 374 standard . Suitable material: nitrile. ± 0.5 mm penetration time: impermeable. Replace gloves as needed.
- Eye protection : Use tightly fitting, chemical-protective goggles or face shields (EN 166). If there is a risk of inhalation, use a full-face gas mask.

#### 9. Physical and chemical properties;

##### 9.1. Basic physical and chemical properties

- Physical Appearance : Liquid
- Color : Transparent
- Scent : Characteristic
- Odor threshold : Unknown
- Flash Point (°C) (min) : Unknown
- Boiling Point (°C) (min) : Unknown
- Explosion Hazard : Unknown
- Density (g/ cm<sup>3</sup>) : 0.8-0.9
- pH : Not specified

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Viscosity (mPa.s) : 1-3  
Flash Point : Unknown  
Vapor density : Unknown  
Solubility : Insoluble in water.

#### 9.2. Other information

No further information available.

#### 10. Stability and reactivity;

##### 10.1. Reaction

Reactivity : There are no known harmful reactive effects.

##### 10.2. Chemical stability

Stability : It is stable under normal conditions.

##### 10.3. Possibility of harmful reactions

Reactivity : The likelihood of a reaction occurring is high in the presence of oxidizing agents.

##### 10.4. Situations to avoid

Conditions to avoid : Avoid sources of flame such as heat and sparks. Containers may explode or burn fiercely due to excessive pressure when heated. Static electricity buildup must be prevented.

##### 10.5. Substances to avoid

Materials to avoid: Oxidizing agents.

##### 10.6. Harmful decomposition products,

Hazardous decomposition products : Do not decompose if stored and used under appropriate conditions. Products that decompose thermally or are compressed may include: harmful gases and vapors.

#### 11. Toxicological information;

##### 11.1. Information about toxic effects

Article	Toxicity Type	Toxicity Zone	Test Animal	Conclusion
Acetone	Acute	Oral	Rat	LD50: 5800 mg/kg
		Breathing	Rat	LC50: 132000 mg/m <sup>3</sup> (3s) 76000 mg/m <sup>3</sup> (4s)
		Dermal	Guinea Pig	LD50: 7400 mg/kg
	Irritation	Dermal		None
		Eyelash		There is
	Sensibility	Dermal		None
	Repeat Dose	Oral		NOAEL; 900 mg/kg/day
		Breathing		NOAEC: 22500 mg/m <sup>3</sup>
Genetic		-	None	
Developmental toxicity	Breathing	Rat	NOAEC: 5300 mg/m <sup>3</sup>	
Xylene	Acute	Oral	Rat/Female-Male	LD 50: 3523 mg/kg
		Breathing	Rat/Female-Male	LC50: 27124 mg/m <sup>3</sup>

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	Irritation	Dermal	Rabbit/Male	LD 50: 12126 mg/kg
		Dermal	Rabbit	There is
		Eyelash	Rabbit	There is
	Sensibility	Dermal	Mouse	None
	Repeat Dose	Oral	Rat/Female-Male	NOAEL; 250 mg/kg bw/day (Chronic)
		Breathing	Dog/Male	NOAEC: 3515 mg/m <sup>3</sup> (Subchronic)
	Genetic		Mouse/Female-Male	None
	Carcinogenicity	Oral	Rat/Female-Male	NOAEL: 500 mg/kg body weight/day
	Developmental toxicity	Breathing	Rat	BMCL 10: 4698 mg/m <sup>3</sup>
	Reproductive toxicity	Breathing	Rat	NOAEC; 2171 mg/m <sup>3</sup>
Oral		Rat/Female-Male	NOAEC; 500 ppm	
Butanone	Acute	Oral	Rat/Female-Male	LD 50: 2054 mg/kg
		Dermal	Rabbit/Male	LD 50: >10 ml/kg
	Irritation	Eyelash	Rabbit	There is
	Sensibility	Dermal	Guinea Pig/Female	None
	Repeat Dose	Breathing	Rat/Female-Male	NOAEC: 5041 ppm
	Genetic		Mouse/Female-Male	None
	Developmental toxicity	Breathing	Rat	NOAEC: 1002 ppm
Reproductive toxicity	Oral	Rat/Female-Male	NOAEL; 1644 mg/kg/day	
Propan-2-ol	Acute	Oral	Rat	LD 50: 5.84 g/kg
		Breathing	Rat/Female-male	LC 50 > 10000 ppm
		Dermal	Rabbit	LD 50: 16.4 ml/kg
	Irritation	Dermal	Rabbit	None
		Eyelash	Rabbit	Category 2
	Sensibility	Dermal	Guinea Pig / Female-Male	None
	Repeat Dose	Inhalation/Systemic	Rat/Female-Male	NOEC; 500 ppm (toxic effect) NOAEC; 5000 ppm NOEC; 5000 ppm (Oncogenicity)
	Genetic		Mouse/Female	None

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		e-Male	
	Reproductive	Rat (Female-Male)	None

### 12. Ecological information;

#### 12.1. Toxicity

PNEC Values	Acetone	Xylene	Propan-2-ol	Butanone
Fresh water	10.6 mg/l 21 mg/l (batch release)	0.327 mg/l	140.9 mg/l	55.8 mg/l
Marine	1.06 mg/l	0.327 mg/l	140.9 mg/l	55.8 mg/l
STP	100 mg/l	6.58 mg/l	2251 mg/l	709 mg/l
Sediment (Fresh water)	30.4 mg/kg sediment dw	12.46 mg/kg sediment dw	552 mg/kg sediment dw	284.74 mg/kg sediment dw
Sediment (Marine)	3.04 mg/kg sediment dw	12.46 mg/kg sediment dw	552 mg/kg sediment dw	284.7 mg/kg sediment dw
Soil	29.5 mg/kg soil dw	2.31 mg/kg soil dw	28 mg/kg soil dw	22.5 mg/kg soil dw
Predators	-	-	160 mg/kg food	1000 mg/kg food

#### 12.2. Persistence and degradability

Persistence : Biodegradable.

#### 12.3. Bioaccumulation potential

Potential for bioaccumulation : There is no known potential for bioaccumulation.

#### 12.4. Mobility in the soil

Mobility : Not applicable.

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

PBT/vPvB values : Does not contain PBT or vPvB substances.

#### 12.6. Other negative effects

Other information : Not applicable.

### 13. Disposal information;

#### 13.1. Waste processing methods

Product residue : Recyclable container. Do not puncture or burn, even after use. Do not dispose of empty packaging with normal household waste. Containers should be recycled or reused. Product residues, including non-empty packaging, should be treated as chemical waste.

Additional warning : Unknown.

European Waste Catalogue : Dispose of hazardous waste in an official chemical waste storage facility in accordance with Directive 91/689/EEC and under a waste law pursuant to Commission Decision 2000/532/EC.

Local regulations : Waste disposal must comply with applicable regional, national, and local laws and regulations. Local regulations may be stricter than regional and national requirements and must be complied with.

### 14. Transportation information;

14.1. UN Number : UN 1950

14.2. Appropriate UN shipping name

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Appropriate shipping name : AEROSOLS  
Proper shipping name (IMDG, IATA) : AEROSOLS

**14.3. Transportation hazard class(es)** : 2 (ADR/RID/ADN/IMDG/IATA)  
Classification Code : 5F (ADR/RID/ADN)



Hazard Label : 2.1

**14.4. Packaging group** : None

**14.5. Environmental damage**

Marine pollutant : No

**14.6. Special measures for the user**

Unless otherwise stated, measures applicable to safe transport will be taken.

IATA Cargo Aircraft: 203

IMDG - Technical name: Aerosol

IMDG Page: FD, SU

**14.7. Public transport according to MARPOL 73/78 Annex II and IBC code.**

Marpol : As per the instructions above, it is not a hazardous product.

**15. Knowledge of legislation;**

**15.1. Specific safety, health and environmental regulations for the substance or mixture.**

#### National Legislation

- Turkish Ministry of Environment and Urbanization, Regulation No. 28848, dated December 11, 2013, on the Classification, Labelling and Packaging of Substances and Mixtures.
- Turkish Ministry of Environment and Urbanization, Waste Management Regulation, dated April 2, 2015, numbered 29314.
- Turkish Ministry of Labour and Social Security, Regulation No. 28733 dated August 12, 2013, on Health and Safety Measures in Work with Chemical Substances.
- Turkish Ministry of Labour and Social Security, Regulation No. 28695 dated July 2, 2013, on the Use of Personal Protective Equipment in Workplaces.
- Turkish Ministry of Labour and Social Security, Occupational Health and Safety Law No. 6331, dated June 30, 2012.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**16. Other information;**

#### Abbreviations

Flammable Liquid 2 : Flammable Liquid, Hazard Category 2.

Flammable Liquid 3 : Flammable Liquid, Hazard Category 3.

Acute Toxicity.4 : Acute Toxicity, Hazard Category 4

Asp.Tok.1 : Aspiration Toxicity, Hazard Category 1

Skin Irrit. 2 : Skin Irritation, Hazard Category 2

BHOT TEK. MRZ 2 : Specific Target Organ Toxicity - Repeated Exposure, Category 2

BHOT TEK. MRZ 3 : Specific Target Organ Toxicity - Single Exposure, Category 3

Eye Irritation 2 : Eye Irritation, Hazard Category 2

Reproductive System Toxic, Hazard Category 1A



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LD50 : The dose of a substance that causes 50% (half) death in the test animal group (Median Lethal Dose)  
LC 50 : Concentration of a substance causing 50% (half) mortality in a test animal group.  
ADR : European Agreement concerning the international carriage of dangerous goods by road.  
IMDG : International Maritime Dangerous Goods  
IATA : International Air Transport Association  
ADN : European Agreement concerning the international carriage of dangerous goods by inland waterways  
RID : European Agreement concerning the international carriage of dangerous goods by rail.  
Merpel 73/78 : International Convention for the Prevention of Pollution from Ships, 1973, as amended by Protocol 1978. IBC: International Code for the Construction and Equipment of Ships Carrying Dangerous Bulk Chemicals (International Bulk Chemicals Code)  
WEL : Workplace Exposure Limit  
TWA : Workplace Exposure Limits  
STEL : Short-Term Exposure Limit  
EC No : European Community Number  
CAS : Service for Chemical Theories  
PBT : Persistent, Bioaccumulative, and Toxic Substance.  
vPvB : Very Persistent, Highly Bioaccumulative  
DNEL : Derived Effect Unobserved Time  
Va : Body weight

**CHEMICAL ASSESSMENT SPECIALIST;**  
Certificate Number: TÜV/11.302.03  
Certificate Expiration Date: 05.11.2030

### LEGAL NOTICE (DISCLAIMER)

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