

Safety Data Sheet

In accordance with the Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures published in the Official Journal numbered 29204 on December 13, 2014

Date of issue: 12/02/2019 Version: 0.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product form : Mixture

Product name : MXS PETROL INJECTOR SYSTEM CLEANING

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : It prevents the damages of the institutions and emissions in the engine by cleaning the system.

1.3. Details of the supplier of the safety data sheet

ATLANTİK AEROSOL ve KİMYA SANAYİ A.Ş. Fatih Mh. Altınkent Sk. No:4 Tavşanlı Beldesi Altınova Yalova - TÜRKİYE T + 90 226 465 72 27 - F + 90 226 465 72 26

info@atlantikkimya.com.tr - www.atlantikaerosol.com

Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Turkey	Ulusal Zehir Merkezi (UZEM) Refik Saydam Hıfzıssıhha Merkezi Başkanlığı	Cemal Gürsel Cd. No: 18 Sıhhiye Çankaya 06590 Ankara	114	Information is provided to public and medical personnel on poisoning incidents via 114.

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013.

Flammable liquids, Category 3 H226 Specific target organ toxicity — Single exposure, Category 3, Narcosis H336 Specific target organ toxicity — Repeated exposure, Category 1 H372 Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of H-statements: see section 16

Adverse physicochemical, human health and

environmental effects

Flammable liquid and vapour. Causes damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

Label elements

Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013.

Hazard pictograms (SEA)







GHS02

GHS07

GHS08

GHS09

Signal word (SEA) : Danger

Hazardous ingredients : Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Hazard statements (SEA) : H226 - Flammable liquid and vapour. H336 - May cause drowsiness or dizziness.

H372 - Causes damage to organs through prolonged or repeated exposure.

H411 - Toxic to aquatic life with long lasting effects.

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Precautionary statements (SEA)

smoking.

P233 - Keep container tightly closed.

P241 - Use explosion-proof electrical/ventilating/lighting equipment.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P264 - Wash hands, forearms and face with soap and water thoroughly after handling

P270 - Do not eat, drink or smoke when using this product.

23 Other hazards

Other hazards not contributing to the classification

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to
			Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013.
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	(CAS-No.) 64742-82-1 (EC-No.) 919-446-0	37.5	Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, $< 2\%$ aromatics	(CAS-No.) 64742-48-9 (EC-No.) 918-481-9	37.5	Asp. Tox. 1, H304
Benzene, mono-C10-13-alkyl derivs., distn. residues	(CAS-No.) 84961-70-6 (EC-No.) 284-660-7	15	Asp. Tox. 1, H304
Solvent naphtha (petroleum), heavy arom.; Kerosine—unspecified; [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 165 °C to 290 °C (330 °F to 554 °F).]	(CAS-No.) 64742-94-5 (EC-No.) 265-198-5 (EC Index-No.) 649-424-00-3	1.505 - 3.025	Asp. Tox. 1, H304
Paraffins (petroleum) normal C5-20	(CAS-No.) 64771-72-8 (EC-No.) 265-233-4	0.25 - 1	Asp. Tox. 1, H304
Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).]	(CAS-No.) 64742-48-9 (EC-No.) 265-150-3 (EC Index-No.) 649-327-00-6	0 - 0.75	Carc. 1B, H350 Muta. 1B, H340 Asp. Tox. 1, H304
Kerosine (petroleum), hydrodesulfurized; Kerosine—unspecified; [A complex combination of hydrocarbons obtained from a petroleum stock by treating with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]	(CAS-No.) 64742-81-0 (EC-No.) 265-184-9 (EC Index-No.) 649-423-00-8	0 - 0.75	Asp. Tox. 1, H304
naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).]	(CAS-No.) 64742-82-1 (EC-No.) 265-185-4 (EC Index-No.) 649-330-00-2	0 - 0.75	Carc. 1B, H350 Muta. 1B, H340 Asp. Tox. 1, H304 STOT RE 1, H372
Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified; [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135°C to 210°C (275°F to 410°F).]	(CAS-No.) 64742-95-6 (EC-No.) 265-199-0 (EC Index-No.) 649-356-00-4	0.25 - 0.495	Carc. 1B, H350 Muta. 1B, H340 Asp. Tox. 1, H304
1,2,4-trimethylbenzene	(CAS-No.) 95-63-6 (EC-No.) 202-436-9 (EC Index-No.) 601-043-00-3	0.25 - 0.495	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Aquatic Chronic 2, H411
naphthalene	(CAS-No.) 91-20-3 (EC-No.) 202-049-5 (EC Index-No.) 601-052-00-2	0.05 - 0.245	Carc. 2, H351 Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

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SECTION 4: First aid measures

Description of first aid measures

: Get medical advice/attention if you feel unwell. Call a poison center or a doctor if you feel First-aid measures general

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact Rinse skin with water/shower. Wash skin with plenty of water. Take off contaminated clothing.

Take off immediately all contaminated clothing.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms/effects : May cause drowsiness or dizziness.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Hazardous decomposition products in case of

: Toxic fumes may be released.

5.3. **Advice for firefighters**

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures 6.1.

611 For non-emergency personnel

Emergency procedures Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe

dust/fume/gas/mist/vapours/spray.

6.1.2 For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up 6.3.

For containment : Collect spillage.

Methods for cleaning up Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public

waters.

Other information : Dispose of materials or solid residues at an authorized site.

Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only

outdoors or in a well-ventilated area.

: Do not eat, drink or smoke when using this product. Always wash hands after handling the Hygiene measures

product.

Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Hand protection : Protective gloves

Eye protection : Safety glasses

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

: No data available

: No data available

: No data available

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : No data available Odour No data available Odour threshold No data available рΗ : No data available Relative evaporation rate (butylacetate=1) : No data available Melting point : Not applicable Freezing point No data available : No data available Boiling point : No data available Flash point No data available Auto-ignition temperature Decomposition temperature : No data available Flammability (solid, gas) : Not applicable Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density No data available Solubility : No data available Log Pow : No data available : No data available Viscosity, kinematic Viscosity, dynamic : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Explosive properties

Oxidising properties

Explosive limits

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified.
Carcinogenicity : Not classified.
Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects. Before neutralisation, the product may represent a

danger to aquatic organisms.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

Classification procedure (Chronic aquatic

toxicity)

: Calculation method

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

MXS PETROL INJECTOR SYSTEM CLEANING		
Bioaccumulative potential	No additional information available	

12.4. Mobility in soil

MXS PETROL INJECTOR SYSTEM CLEANING		
Mobility in soil	No additional information available	

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1993	1993	1993	1993	1993
14.2. UN proper shipp	ing name			
FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	Flammable liquid, n.o.s.	FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.
Transport document desc	ription			
UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, MARINE POLLUTANT/ENVIRONM ENTALLY HAZARDOUS	UN 1993 Flammable liquid, n.o.s., 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, ENVIRONMENTALLY HAZARDOUS

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ADR	IMDG	IATA	ADN	RID
14.3. Transport hazard	d class(es)			
3	3	3	3	3
3	3	₩ <u></u> 2	₩ <u></u> 2	3
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the
environment : Yes	environment : Yes Marine pollutant : Yes	environment : Yes	environment : Yes	environment : Yes
No supplementary information available				

14.6. Special precautions for user

- Overland transport

: F1 Classification code (ADR)

Special provisions (ADR) : 274, 601, 640E

: 51 Limited quantities (ADR) Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

: MP19 Mixed packing provisions (ADR) Portable tank and bulk container instructions · T4

(ADR)

Portable tank and bulk container special : TP1, TP29

provisions (ADR) Tank code (ADR)

: LGBF : FL Vehicle for tank carriage : 3 Transport category (ADR) Special provisions for carriage - Packages : V12

(ADR)

Special provisions for carriage - Operation

(ADR) : 30

Hazard identification number (Kemler No.) Orange plates

30 1993

: S2

Tunnel restriction code (ADR) : D/E

- Transport by sea

Special provisions (IMDG) : 223, 274, 955

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : P001, LP01 IBC packing instructions (IMDG) : IBC03 Tank instructions (IMDG) : T4 Tank special provisions (IMDG) : TP1, TP29 EmS-No. (Fire) : F-E : S-E EmS-No. (Spillage) Stowage category (IMDG) : A

- Air transport

: E1 PCA Excepted quantities (IATA) PCA Limited quantities (IATA) : Y344 PCA limited quantity max net quantity (IATA) : 10L PCA packing instructions (IATA) : 355 PCA max net quantity (IATA) : 60L

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CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

- Inland waterway transport

Classification code (ADN) : F1

Special provisions (ADN) : 274, 601, 640E

Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01

Number of blue cones/lights (ADN) : 0

- Rail transport

Classification code (RID) : F1

Special provisions (RID) : 274, 601, 640E

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions : T4

(RID)

Portable tank and bulk container special

provisions (RID)

: TP1, TP29

Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages : W12

(RID)

Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 30

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. National regulations

This product doesn't contain any substances that is controlled or prohibited for use according to the Regulation for Reduction of Ozone Depleting Substances published in the Official Journal numbered 27052 on November 12, 2008.

Regulatory reference

: Waste Management Regulation published in the Official Journal numbered 29314 on April 2,

2015

Regulation on Test Methods that will be Applied to Determine the Physicochemical, Toxicological and Ecotoxicological Properties of Substances and Mixtures published in the Official Journal numbered 28848 on December 11, 2013

Regulation on Health and Safety Precautions When Working with Chemical Substances published in the Official Journal numbered 28733 on August 12, 2013

Regulation on Inventory and Control of Chemicals published in the Official Journal numbered 27092 on December 26, 2008

Regulation on Restriction and Prohibition of Hazardous Substances and Mixtures published in the Official Journal numbered 27092 on December 26, 2008

Communiqué on Detergents and Surfactants Used in Detergents published in the Official Journal numbered 27092 on December 26, 2008.

SECTION 16: Other information

Full text of H-statements

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

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Aguatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
<u>'</u>	7 0 7	
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
Carc. 1B	Carcinogenicity, Category 1B	
Carc. 2	Carcinogenicity, Category 2	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
Muta. 1B	Germ cell mutagenicity, Category 1B	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis	

Safety Data Sheet author's

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Certificate number : GBF-A-0-2732

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SDS Turkey

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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