

SAFETY DATA SHEET

MOLD RELEASE SILICONE SPRAY

Product Name: Mold Release Silicone Spray
GBF Form No: M-00150

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 : Silicone Mold Release Spray
EC Number : Unknown
CAS Number : Unknown

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

Based lubricant in molds for products such as polyethylene, polypropylene, acrylic, polyurethane, HIPS, bakelite, natural rubber, nitrile, neoprene, fluorosilicone polymers, and the like. It is preferably suitable for use in molds for thin-walled, small parts.

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-77456
Product Type : Industrial

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 2 H222
Pressure Vessel H229
Carcinogenic, Hazard Category 2 H351
The full text of the H statements; see Section 16.

2.2. Label elements;

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



Hazard Label (SEA) :
GHS02 GHS08 GHS04
Warning word (SEA) : Danger
Hazard Statements (SEA) :
H222 - Highly flammable aerosol.
H229 - Pressure vessel: May crack when heated .
H351 - Suspected of causing cancer.
Precautionary Statements (SEA) :
P102 - Keep out of reach of children.

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P261 - Avoid inhaling dust/fumes/gas/mist/vapor/spray.

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.

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

2.3. Other damages;

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
Dichloromethane	75-09-2	200-838-9	5-10	Kans.2, H351	GHS08 DANGER
Dimethylsiloxane Trimethylsiloxane terminated	63148-62-9	-	5-10	Unclassified.	-
Petroleum gases, liquefied (<0.1% 1,3- butadiene)	68476-85-7	270-704-2	65-75	Flame. Gas 1, H220	GHS02 GHS04 Dangerous

The full text of the H statements: see Section 16

4. First aid measures;

4.1. Explanation of first aid measures;

General Information

If any discomfort persists, seek medical attention. Ventilate the area. Immediately remove contaminated clothing or footwear. Move the victim to fresh air. Loosen any tight clothing.

Inhalation

Remove the patient from the danger zone and seek medical assistance. If the patient is unconscious, turn them to their side. Keep the patient warm and allow them to rest. Administer oxygen if breathing is difficult. Perform cardiopulmonary resuscitation (CPR) if cardiac arrest occurs. If H2S or CO inhalation occurs, rescuers should wear breathing apparatus, a harness, and a safety rope, and

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follow emergency procedures . The victim should be immediately moved to fresh air. If breathing stops, perform artificial respiration. Obtain medical assistance.

Contact with skin Remove all contaminated clothing and footwear. Wash thoroughly before reuse. Wash well with plenty of soap and water for 15 minutes. Seek medical attention if redness or pain occurs.

Eye contact Immediately rinse your eyes with plenty of water for 15 minutes, keeping your eyelids raised. Remove contact lenses if possible. Seek medical attention if discomfort persists.

If swallowed Do not induce vomiting. Consult your doctor immediately. Lips and mouth may become numb. Do not give anything by mouth to an unconscious patient.

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

Inhalation : Inability to breathe.
Skin contact : Unknown
Eye contact : Unknown
If swallowed : Unknown

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

Treat symptomatically .

5. Firefighting measures;

5.1. Fire extinguishers

Suitable for : Carbon dioxide, dry chemicals, dry sand, fire extinguishing foam. For large fires: Water spray, water mist, or foam.
Not suitable : Do not use a water jet.

5.2. Specific hazards arising from the substance or mixture.

Specific exposure hazards : Unknown.
Hazardous thermal decomposition products Carbon monoxide, carbon dioxide, smoke , and soot can be produced during combustion.

5.3. Recommendations for firefighting teams

Special for firefighters. Use protective clothing, including a full-face mask and respiratory support. Cool the outside of containers with water. The product may produce vapors that can explode when mixed with air. It can cause sudden flames. Pouring it down the drain may also cause a fire or explosion.

6. Measures to prevent accidental release;

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid sources of ignition. Do not smoke. Wear protective clothing. Avoid inhaling vapors. Keep unnecessary people away. Prevent entry to and isolate the hazardous area. Review evacuation needs. Stop the flow if there is no risk. Absorb spills with absorbents. Extra precautions should be taken in case of H₂S or CO formation. Special protective clothing should be worn. Personnel should be trained.

6.2. Environmental measures

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Environmental measures : Prevent spills and spread. Prevent contamination of sewers, drains, and groundwater. Report spills to the authorities if they pollute streams or sewers.

Other information : Unknown.

6.3. Methods and materials for preservation and cleaning.

Cleaning methods : Absorb small spills with a cloth or cotton ball. Take them to waste collection areas. Ensure adequate ventilation. Avoid sources of ignition and do not smoke. For large spills, use a ditch or collection basin and notify the authorities.

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 . Prevent vapor formation. Do not smoke or eat in handling and storage areas. Handle away from sources of flame .

7.2. Conditions for secure storage, including disputes.

Storage conditions : Store away from flames and heat sources. Keep containers closed when not in use. Store in a dry, cool, well-ventilated place away from direct sunlight. Store in original packaging. Jacket with inert gas for safe handling .

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

Petroleum gases, liquefied (<0.1% 1,3- butadiene)

Observed Effects	Exposure	DNEL	Type of Toxicity
Worker damage limits			
Inhalation - Systemic Effects	Prolonged exposure	2.21 mg/ m ³	Carcinogenicity
Dermal -Systemic Effects	Prolonged exposure	23.4 mg/kg / day	Carcinogenicity
Damage limits for the general population.			
Inhalation - Systemic Effects	Prolonged exposure	0.066 mg/ m ³	Carcinogenicity

Lubricating oil

Observed Effects	Exposure	DNEL	Type of Toxicity
Worker damage limits			
Inhalation - Systemic Effects	Prolonged exposure	2.7 mg/ m ³	
Inhalation - Local Effects	Prolonged exposure	5.6 mg/ m ³	

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Dermal -Systemic Effects	Prolonged exposure	1 mg/kg / day	Neuro toxicity
Damage limits for the general population.			
Oral-Systemic Effects	Prolonged exposure	0.74 mg/kg / day	Acute 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 protective clothing, work overalls or suit and similar footwear conforming to EN 365/367, specifically standard 345. Suitable material: nitrile . Insulation time: impermeable.
- Respiratory protection : In well-ventilated areas, no special equipment is required. In poorly ventilated areas, use artificial respiration.
- 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 a face shield. 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 : Aerosol
- Color : Transparent
- Scent : Characteristic
- Odor threshold : Unknown
- Flash Point (°C) (min) : Unknown
- Boiling Point (°C) (min) : Unknown
- Freezing Point (°C) : Unknown
- Density (g/ cm³) : 0.80-0.90
- pH : Not specified
- Viscosity (mPa.s) : 2-10
- Vapor Pressure (20°C) : Unknown
- Vapor density : Unknown

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

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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.

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
Petroleum gases, liquefied (<0.1% 1,3-butadiene)	Acute	Breathing	Rat/Female-male	LC 50: 800,000 ppm EC 50: 280000 ppm
	Repeat Dose	Inhalation/Systemic	Rat/Female-Male	No harmful effects have been observed. NOAEC; 19678 mg/m ³
	Genetic			None
	Reproductive		Rat/Female-Male	NOAEC: 16000 ppm
	Teratogenicity	Breathing	Rat	NOAEC: 16000 ppm
	Carcinogenicity		Rat/Female-Male	NOAEC: 10000 ppm An effect was observed at 17200 mg/m ³ .

12. Ecological information;

12.1. Toxicity

	Petroleum gases, liquefied (<0.1% 1,3- butadiene)
Short-term toxicity (fish)	LC50: 49.47 mg/l (96 hours)
Long-term toxicity (fish)	
Short-term toxicity (invertebrates)	LC50: 69.43 mg/l (48 hours)
Long-term toxicity (invertebrates)	
Toxicity (Algae, cyanobacteria)	EC50: 12.32 mg/l (96 hours)
Toxicity (Microorganisms)	EL50: 51.6 mg/l (48 hours)

Persistence and degradability

Persistence : Biodegradable .

12.2. Bioaccumulation potential

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

12.3. Mobility in the soil

Mobility : Not applicable.

12.4. Results of PBT and vPvB assessment

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

12.5. 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

Suitable 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: F -D, 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.

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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

Reproductive	System Toxic, Hazard Category 1A
Flammable Liquid 2	: Flammable Liquid, Hazard Category 2.
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



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Certificate Number: TÜV/11.302.03

Certificate Expiration Date: 05.11.2030

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