

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision Number: 1

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

1.1. Product identifier

Product Name: MEGAMIX QE Metallic silber
Article number: 024830541800

Contains Isopropyl alcohol

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

Product categories [PC]: PC9 - Coatings and paints, fillers, putties, thinners

1.3. Details of the supplier of the safety data sheet

Supplier: MEGA eG
Fangdieckstrasse 45
D - 22547 Hamburg
Telefon: +49 40/ 54004-0
Telefax: +49 40/ 54004-9
www.mega.de

E-mail address: technik@mega.de

1.4. Emergency telephone number

Emergency Telephone: +49 40 / 54004 - 528 (Mo. - Tue. 7.15 - 16.30 Uhr, Fr. bis 12.00 Uhr)

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Austria	+43 1 406 43 43 (Giftinformationszentrale)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flammable solids	Category 1 - (H228)
Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity (single exposure)	Category 3 - (H336)

2.2. Label elements



Signal word: Danger

Contains Isopropyl alcohol

H228 - Flammable solid.

H319 - Causes serious eye irritation.

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H336 - May cause drowsiness or dizziness.

Precautionary Statements - EU (§28, 1272/2008):

P102 - Keep out of reach of children

P405 - Store locked up

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

P272 - Contaminated work clothing should not be allowed out of the workplace

P307 + P311 - IF exposed: Call a POISON CENTER or doctor/physician

P280 - Wear face protection

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	CAS No	EC No	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight-%
Isopropyl alcohol	67-63-0	200-661-7	01-2119457558-25	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336)	25 - < 50

Acute Toxicity Estimate:

No information available.

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Isopropyl alcohol 67-63-0	5840	13400	72.6	30	No data available

Full text of H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice:	Show this safety data sheet to the doctor in attendance.
Inhalation:	Remove to fresh air. IF exposed or concerned: Get medical advice/attention.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion:	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.

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Self-protection of the first aider: Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.

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

Symptoms: May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

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

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media: Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.

Large Fire: CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media: Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical: Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information: Ventilate the area. Refer to protective measures listed in Sections 7 and 8.
For emergency responders: Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions: Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or

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spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment: Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Keep out of drains, sewers, ditches and waterways.

Methods for cleaning up: Take precautionary measures against static discharges. Pick up and transfer to properly labeled containers.

Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections: See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling



Advice on safe handling: Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations: Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

7.3. Specific end use(s)

Other information: No information available.

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters

Exposure Limits:

Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
Isopropyl alcohol 67-63-0		TWA: 200 ppm TWA: 500 mg/m ³		TWA: 200 ppm TWA: 500 mg/m ³ STEL: 400 ppm STEL: 1000 mg/m ³	TWA: 400 ppm TWA: 999 mg/m ³ STEL: 500 ppm STEL: 1250 mg/m ³	TWA: 500 mg/m ³ STEL: 1000 mg/m ³ b*

Chemical name	France	Italy	Portugal	Finland	Denmark	Czech Republic
Isopropyl alcohol 67-63-0	STEL: 400 ppm STEL: 980 mg/m ³		TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm TWA: 500 mg/m ³ STEL: 250 ppm STEL: 620 mg/m ³	TWA: 200 ppm TWA: 490 mg/m ³	TWA: 500 mg/m ³ Ceiling: 1000 mg/m ³ D*

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Isopropyl alcohol 67-63-0	TWA: 200 ppm TWA: 500 mg/m ³ STEL 800 ppm STEL 2000 mg/m ³	TWA: 200 ppm TWA: 500 mg/m ³ STEL: 400 ppm STEL: 1000 mg/m ³	STEL: 1200 mg/m ³ TWA: 900 mg/m ³ skóra*	TWA: 100 ppm TWA: 245 mg/m ³ STEL: 150 ppm STEL: 306.25 mg/m ³	TWA: 200 ppm STEL: 400 ppm Sk*	TWA: 10 mg/m ³ MAC: 50 mg/m ³

Biological occupational exposure limits:

Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
Isopropyl alcohol 67-63-0	-	25 mg/L (whole blood - Acetone end of shift) 25 mg/L (urine - Acetone end of shift) 25 mg/L - BAT (end of exposure or end of shift) urine 25 mg/L - BAT (end of exposure or end of shift) blood		40 mg/L - urine (Acetone) - end of workweek	-	

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Isopropyl alcohol 67-63-0	-	25 mg/L - urine (Acetone) - end of shift 25 mg/L - whole blood (Acetone) - end of shift	-	-	40 mg/L (urine - Acetone end of shift at end of workweek)	

Derived No Effect Level (DNEL):

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Isopropyl alcohol	500 mg/m ³			

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Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Isopropyl alcohol	888 mg/kg bw/day			

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Isopropyl alcohol	89 mg/m ³			

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Isopropyl alcohol	319 mg/kg bw/day			

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Isopropyl alcohol	26 mg/kg bw/day			

Predicted No Effect Concentration (PNEC):

Chemical name	Isopropyl alcohol
Freshwater	140.9 mg/L
Marine water	140.9 mg/L
Intermittent release	140.9 mg/L
Impact on Sewage Treatment	2251 mg/L
Freshwater sediment	252 mg/kg
Marine sediment	252 mg/kg
Soil	28 mg/kg
Food chain	160 mg/kg

8.2. Exposure controls

Engineering controls: None under normal use conditions.

Personal protective equipment:



Eye/face protection: Tight sealing safety goggles.

Hand protection: Wear suitable gloves. Impervious gloves.

PPE - Glove material	Glove thickness	Break through time
Impervious gloves		

Skin and body protection: Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Recommended Filter Type: Filtering device (full mask or mouthpiec AP-2

Environmental exposure controls: No information available.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	paste					
Color	silver					
Odor	mild					
				<i>Conditions</i>	<i>Method</i>	<i>Remarks</i>
Melting point / melting range						Not established
Boiling point / boiling range	81		°C			
Flammability						Not established
Decomposition temperature						not relevant
Flash point	12		°C		DIN 51755 Part 1	Not established
Autoignition temperature						None known
Lower explosive limit	2		Vol%			
Upper explosion limit	12		Vol%			
Vapor pressure	48		hPa			
Density	~ 1.470		g/cm ³	20 °C		
Water solubility						Miscible
pH						not applicable
pH (as aqueous solution)						Not established
Partition coefficient						Not established
Kinematic viscosity						None known
Odor threshold						Not established
Relative density						Not established
Evaporation rate						Not established
Relative vapor density	no data available					
Particle Size	no data available					
Particle Size Distribution	no data available					

9.2. Other information

Bulk density:	no data available
Softening point	No information available
Molecular weight	No information available

9.2.1. Information with regard to physical hazard classes:

Explosive properties	Not an explosive
Oxidizing properties	Not oxidising.

9.2.2. Other safety characteristics: No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: No information available.

10.2. Chemical stability

Stability: Stable under normal conditions.

Explosion data:	
Sensitivity to mechanical impact:	None.
Sensitivity to static discharge:	Yes.

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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: None under normal processing.

10.4. Conditions to avoid

Conditions to avoid: Heat, flames and sparks.

10.5. Incompatible materials

Incompatible materials: None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products: None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure:

Product Information:

- Inhalation: Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.
- Eye contact: Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
- Skin contact: Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
- Ingestion: Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics:

- Symptoms: May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Numerical measures of toxicity:

Acute toxicity: The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral):	5,840.00 mg/kg
ATEmix (dermal):	13,400.00 mg/kg
ATEmix (inhalation-dust/mist):	72.60 mg/l
ATEmix (inhalation-vapor):	30.00 mg/l

Component Information:

Chemical name	Parameter	Species	effektive Dosis	Method
Isopropyl alcohol	Oral LD50	Rat	5480 mg/kg	OECD 401

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Chemical name	Parameter	Species	effektive Dosis	Method
67-63-0				

Chemical name	Parameters	Species	Effective dose	Method
isopropyl alcohol 67-63-0	Dermal LD50	Rabbit	> 10000 mg/kg	OECD 402

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
isopropyl alcohol 67-63-0	Inhalation LC50	Rat	> 25 mg/L	4 h	OECD 403

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Skin corrosion/irritation:	May cause skin irritation.
Serious eye damage/eye irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	No information available.
Germ cell mutagenicity:	No information available.
Carcinogenicity:	No information available.
Reproductive toxicity:	No information available.
STOT - single exposure:	May cause drowsiness or dizziness.
STOT - repeated exposure:	No information available.
Aspiration hazard:	No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information available.

11.2.2. Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity:

fish toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
isopropyl alcohol 67-63-0	LC50	Pimephales promelas	9640 mg/L	96 h	OECD 203

toxicity to crustacea:

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Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Isopropyl alcohol 67-63-0	EC50	Daphnia magna	13299 mg/L	48 h	OECD 202

Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Isopropyl alcohol 67-63-0	EC50	Desmodesmus subspicatus	> 1000 mg/L	72 h	OECD 201

12.2. Persistence and degradability

Persistence and degradability:

Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
Isopropyl alcohol 67-63-0	53 %	5 d	Yes		

12.3. Bioaccumulative potential

Bioaccumulation:

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Isopropyl alcohol 67-63-0	0.05	< 500

12.4. Mobility in soil

Mobility in soil: No information available.

Mobility: No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment:

Chemical name	PBT and vPvB assessment
Isopropyl alcohol 67-63-0	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Endocrine disrupting properties.

No information available.

12.7. Other adverse effects.

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused Should not be released into the environment. Dispose of in accordance with local

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products: regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

SECTION 14: Transport information

14.1. UN number

ADR: UN3175
RID: UN3175
IMDG: UN3175
IATA: UN3175

14.2 UN proper shipping name

ADR: Solids containing flammable liquid, n.o.s.
UN3175, Solids containing flammable liquid, n.o.s. (Aluminum, Isopropyl alcohol), 4.1, II

RID: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
UN3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Aluminum, Isopropyl alcohol), 4.1, II

IMDG: Solids containing flammable liquid, n.o.s.
UN3175, Solids containing flammable liquid, n.o.s. (Aluminum, Isopropyl alcohol), 4.1, II

IATA: Solids containing flammable liquid, n.o.s.
UN3175, Solids containing flammable liquid, n.o.s. (Aluminum, Isopropyl alcohol), 4.1, II

14.3. Transport hazard class(es)

ADR: 4.1
Hazard label(s) 4.1
Classification code F1
Hazard identification number 40
(Kemler No.)
Tunnel restriction code (E)
Limited quantity (LQ) 1 kg
Excepted quantity E2

RID: 4.1
Labels 4.1
Classification code F1

IMDG: 4.1
Hazard label(s) 4.1
Limited quantity (LQ) 1 kg
Excepted quantity E2
EmS-No F-A, S-I

IATA: 4.1
Hazard label(s) 4.1
Excepted quantity E2

14.4. Packing group

ADR: II

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RID: II
IMDG: II
IATA: II

14.5. Environmental hazards

ADR: No
RID: No
IMDG: no marine pollutant
IATA: No

14.6. Special precautions for user

ADR:
Special Provisions: 216, 274, 601
RID:
Special Provisions: 216, 274, 601
IMDG:
Special Provisions: 216, 274
IATA:
Special Provisions: A46
ERG Code 3L

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

No information available

SECTION 15: Regulatory information

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

European Union:

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

- This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
Isopropyl alcohol 67-63-0		3 40

Persistent Organic Pollutants: Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
Isopropyl alcohol 67-63-0	1 - Human hygiene 2 - Disinfectants and algacides not intended for direct application to humans or animals

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Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
	4 - Food and feed area disinfectant

volatile organic compounds (VOC) content:
acc. reg. 2010/75/EG: 30 %
acc. reg. 2004/42/EG (Decopaint): 30 %

National regulations:

Chemical name	Denmark - MAL
Isopropyl alcohol 67-63-0	29 m3/10 g substance MAL factor >0 % by weight [1]

Germany:

Water hazard class (WGK): slightly hazardous to water (WGK 1)

Chemical name	WGK Classification (AwSV)	ID number
Isopropyl alcohol 67-63-0	1	135

total dust incl. fine dust (digit 5.2.1): 70 - 75%
org. substances (Ziffer 5.2.5): 30 - 35%

Storage class (TRGS 510): 11 • LGK11 - Combustible solids

France:

Occupational Illnesses (R-463-3, France):

Chemical name	French RG number
Isopropyl alcohol 67-63-0	RG 84

Austria:

Flammable Liquids Regulations, VbF: Flammable liquids: BI

Switzerland:

VOC content:: acc. VOCV CH 814.018, att. 1: 30 %

International Inventories:

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

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ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report: No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet:

Full text of H-Statements referred to under section 3:

H225 - Highly flammable liquid and vapor
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Legend:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
ADR: European agreement concerning the international carriage of dangerous goods by road (Accord européen relatif transport des marchandises dangereuses par route)
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany)
BCF: Bio-Concentration Factor
BOD(5): Biochemical oxygen demand (within 5 days)
CAS: Chemical Abstract Service
CLP: Classification, Labelling and Packaging
CMR: Carcinogenic, Mutagenic, toxic for Reproduction
DIN: German Standards Institute / German industrial norm
DNEL: Derived No Effect Level
DOC: Dissolved organic carbon
EAK/ AVV: European waste catalogue/ waste directory-regulation
EC50: Effective Concentration 50%
ECHA: European Chemical Agency
EINECS: European Inventory of Existing Commercial Chemical Substances
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
IATA: International Air Transport Association
IC50: Inhibition Concentration 50%
IMDG: International Maritime Dangerous Goods Code
LC50: Lethal Concentration 50% - LD50: Lethal dose 50%
MAK: Treshold limit values Germany
NLP: No Longer Polymers
NOAEC: No Observed Adverse Effect Concentration
NOAEL: No Observed Adverse Effect Level
OECD: Organization for Economic Cooperation and Development
PBT: persistent, bioaccumulative, toxic
PC: Product category
PNEC: Predicted No Effect Concentration
REACH: Registration, Evaluation and Authorization of Chemicals
RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer)
STEL: Short-term Exposure Limit
STP: Sewage treatment plant
SVHC: Substance of Very High Concern

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TLV: Threshold Limit Value
TWA: Time Weighted Average
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent, very bioaccumulative

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ceiling: Maximum limit value
* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method
Flammable solids	On basis of test data

Key literature references and sources for data used to compile the SDS:

European Chemicals Agency (ECHA)
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGLS)
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

Revision date: 03-Nov-2021

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision Number: 1

MEGAMIX QE Metallic silber - 024830541800

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006:

Disclaimer:

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End of Safety Data Sheet