Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.02.2021 Version number 02-00 Revision: 17.02.2021

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

1.1 Product identifier

Trade name: MEGA 101 Classic Weisslack

Safety data sheet number: 07-071249283701

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

No further relevant information available.

Application of the substance / the mixture Coating agent

Uses advised against

This product is not suitable for uses other than those specified in the "Use of the substance/mixture". If your particular manner of use is not listed, please contact the creator of this safety data sheet.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

MEGA eG
Fangdieckstrasse 45
22547 Hamburg
Germany
Phone: +4940/54004-0
Fax : +4940/54004-9

Further information obtainable from:

Department "Product range Paint and varnish"
Phone: +49 (0)40 54004-0
E-mail: technik@mega.de

1.4 Emergency telephone number:

+4940 / 54 00 4 - 528 (Mon - Thu 7.15am - 4.30pm, Fri 7.15am - 12.00am)

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS02

Signal word Warning

Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing mist/vapours/spray.

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P280 Wear protective gloves.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:
EUH066 Repeated exposure may cause skin dryness or cracking.
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards
Vapours of the product are heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.
Vapours can form explosive mixtures with air.

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-xxxx	Titanium dioxide Carc. 2, H351	25-50%
EC number: 918-481-9 Reg.nr.: 01-2119457273-39-xxxx	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics Asp. Tox. 1, H304	≥25-≤50%
EC number: 918-167-1 Reg.nr.: 01-2119472146-39-xxxx	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 4, H413	<2.5%
CAS: 92044-82-1 EINECS: 295-361-6	fatty acids, C9-13-neo-, barium salts Acute Tox. 4, H302; Acute Tox. 4, H312; Aquatic Chronic 4, H413	<2.5%
CAS: 85203-81-2 EINECS: 286-272-3 Reg.nr.: 01-2119979093-30-xxxx	Zinc bis(2-ethylhexanoate) Repr. 2, H361d; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	≥0-<1%
CAS: 2457-01-4 EINECS: 219-535-8 Reg.nr.: 01-2119983179-22-xxxx	Barium bis(2-ethylhexanoate) Repr. 2, H361d; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H332	<1%
CAS: 136-51-6 EINECS: 205-249-0 Reg.nr.: 01-2119978297-19-xxxx	calcium bis(2-ethylhexanoate) Repr. 2, H361d; Eye Dam. 1, H318	≥0-<0.25%
CAS: 149-57-5 EINECS: 205-743-6 Reg.nr.: 01-2119488942-23-xxxx	2-ethylhexanoic acid Repr. 2, H361d	≥0-<0.25%

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Additional information:
All hydrocarbons used comply with note P (less than 0.1% benzene) of the CLP regulation.
For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
General information:
In all cases of doubt, or when symptoms persist, seek medical advice.
Soiled, soaked clothes immediately take off.
Never give anything by mouth to an unconscious person.
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Wash with plenty of soap and water.
After eye contact:
Remove contact lenses. Keep eye lids open and rinse plentifully for at least 10 minutes with clean running water. Subsequently consult an ophthalmologist.
In case of troubles or persistent symptoms, consult an opthalmologist.
After swallowing:
Rinse out mouth and then drink plenty of water.
Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed
Prolonged/repetitive skin contact may cause skin defattening or dermatitis.
Headache, dizziness, numbness, sickness/nausea, tiredness, stunning effect, dry skin, allergic reactions.

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

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:
Extinguishing powder, foam, carbon dioxide.
Use fire extinguishing methods suitable to surrounding conditions.
For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture
Flammable liquid and vapour.
Can form explosive gas-air mixtures.
The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.
Fire will produce dangerous decomposition products like dense, black smoke, carbon dioxide (CO_2), carbon monoxide (CO) and nitrogen oxides (NOx). Inhalation may cause serious health damage.
Under certain fire conditions, traces of other toxic gases cannot be excluded.

5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.

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Additional information
Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources and ensure a well-ventilated room. Do not inhale fumes.
Avoid contact with skin and eyes.

6.2 Environmental precautions:
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid the formation of ignitible and explosion- hazardous solution vapours.
Ensure good ventilation/exhaustion at the workplace.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Material can become charged elektrostatically. Anti-static clothing including shoes are recommended.
Avoid contact with skin and eyes as well as inhalation of vapours.
Avoid the handling of incompatible substances and mixtures. Incompatible substances: see section 10.5

Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Solvent fumes are heavier than air and spread over the ground. Fumes can form an explosive mixture with air.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Make sure spills can be contained, e.g. in sump pallets.
Protect from frost, heat and direct sunlight. Keep tightly closed, cool and dry.
Information about storage in one common storage facility:
Note the rules for common storage in accordance with TRGS 510 - "Storage of hazardous substances in transportable containers".
Store away from foodstuffs.
Further information about storage conditions: None.
Storage class: 3

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7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information about design of technical facilities:
Ensure a good ventilation. This can be achieved by local exhaustion or general exhaust air.

Ingredients with limit values that require monitoring at the workplace:	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
AGW (Germany)	Long-term value: 300 mg/m³ 2(II); AGS; vgl. Nr. 2.9 (TRGS 900)
149-57-5 2-ethylhexanoic acid	
MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb

Regulatory information AGW (Germany): TRGS 900
Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls Provide good ventilation and/or an exhaust system in the work area.

Personal protective equipment:
General protective and hygienic measures:
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Immediately remove all soiled and contaminated clothing
Do not eat, drink, smoke or sniff while working.
Use skin protection cream for skin protection.

Respiratory protection:
Use always breathing protection with splashing medium.
Use combination filter type A(-P2) according to EN 141.

Protection of hands:
Work with gloves. Gloves must be inspected for damage before use. Defective or damaged gloves must not be used. Gloves must satisfy the specifications of EC directive 89/686/EWG and standard EN 374.

Material of gloves
Nitrile rubber
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:
Tightly sealed safety goggles are to be worn during all work, in accordance with EN 166.
Have eye wash bottle or eye rinse ready at work place.
Professional Cooperative Rules - BGR 192 Use of eye and face protection

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Body protection: Solvent resistant protective clothing

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Different according to colouring
Odour:	Weak after aliphatic hydrocarbons
Odour threshold:	For mixtures not applicable.
pH-value:	Not applicable to preparations which contain solvents.
Change in condition	
Melting point/Freezing point:	Not security-related.
Initial boiling point and boiling range:	186-214 °C
Flash point:	60 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	>200 °C
Decomposition temperature:	For mixtures not applicable.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
Explosion limits:	
Lower:	0.6 Vol %
Upper:	7 Vol %
Oxidising properties	The product is flammable, although not oxidising.
Vapour pressure at 20 °C:	0.5 hPa
Relative density	> 1.00 With the exception of: transparent base The Transparent Base has a density of less than 1.00 and can spread over large areas of water.
Vapour density	Not applicable.
Evaporation rate	For mixtures not applicable.
Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
polar solvents:	Not miscible or difficult to mix.
non-polar solvents:	Fully miscible.

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Partition coefficient: n-octanol/water: For mixtures not applicable.

Viscosity: > 90 s (20°C / DIN 53211 / 4 mm)
> 60 s (20°C / ISO 2431 / 6 mm)
> 20,5 mm²/s (40°C)

Solvent content:
VOC (EC) VOC limit 2010 for Category d (SB): 300g/l.

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity Vapours can form explosive mixtures with air.
10.2 Chemical stability Product is stable under normal storage conditions.
10.3 Possibility of hazardous reactions
No dangerous reactions known.
No dangerous reactions are known.
10.4 Conditions to avoid Keep away from heat sources, sparks and open flames.
10.5 Incompatible materials: strong oxidizing agents
10.6 Hazardous decomposition products:
In case of fire arise: smoke and carbon oxides. Under certain fire conditions tracks of other toxic products can not be excluded.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity
The product is not tested as one of the above but rather is classified according to the conventional method (calculation procedure set out in the EU Regulation (EC) No 1272/2008) and according to the toxicological risks. See chapters 2 and 3 for detail.
LD/LC50 values relevant for classification:
The quoted data are literature values and/or manufacturer/supplier data.

92044-82-1 fatty acids, C9-13-neo-, barium salts		
Oral	LD_{50}	500 mg/kg (ATE)
Dermal	LD_{50}	1,100 mg/kg (ATE)
623-40-5 2-Pentanone oxime		
Oral	LD_{50}	1,133 mg/kg (rat) (OECD 425)

Specific symptoms in biological assay:

Skin corrosion/irritation Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation
Splashes of solvent may cause irritation to the eye and reversible damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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Additional toxicological information:

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
The product is not classified as carcinogenic, mutagenic or toxic to reproduction (CMR properties).
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Due to the viscosity (see section 9), classification as an aspiration hazard is omitted.

General notes:
Inhalation of solvent concentrations in excess of the OEL or MAK limit values can lead to health damage such as irritation of the mucous membranes and respiratory tract, damage to the kidneys and liver, and impairment of the central nervous system. Symptoms: headaches, dizziness, fatigue, muscle weakness, narcotic effect and, in exceptional cases, loss of consciousness. Prolonged or repeated contact with the product impairs the skin's natural lipid replenishment and causes the skin to dry out. The product can enter the body through the skin. Splashes of solvent may cause irritation to the eye and reversible damage.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:	
Hydrocarbons, C11-C12, isoalkanes, <2% aromatics	
NOEC / 21 d	0.011 mg/l (Daphnia magna (big water flea))
623-40-5 2-Pentanone oxime	
EC_{50} / 48 h	≥100 mg/l (Daphnia magna (big water flea)) (OECD 202)
EC_{50} / 72 h	88 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
LC_{50} / 96 h	≥100 mg/l (Oncorhynchus mykiss (rainbow trout)) (OECD 203)

12.2 Persistence and degradability	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
OECD 301F Manometric Respiratory Test	80 % (28d) readily biodegradable
623-40-5 2-Pentanone oxime	
OECD 301B CO_2 Evolution Test	9 % (28d) under test conditions no biodegradation observed

12.3 Bioaccumulative potential	
623-40-5 2-Pentanone oxime	
OECD 117 Log Kow (HPLC method)	1.43 (n-octanol/water) (22 °C; pH 7)

12.4 Mobility in soil No further relevant information available.

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12.5 Results of PBT and vPvB assessment
This product does not contain relevant substances that have been assessed as persistent, bioaccumulative and toxic (PBT) or as very persistent and very bioaccumulative (vPvB).
PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Must be specially treated adhering to official regulations.

European waste catalogue	
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP3	Flammable
HP7	Carcinogenic

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SECTION 14: Transport information

14.2 UN proper shipping name
UN-Number
ADR, IMDG, IATA UN1263
ADR 1263 PAINT
IMDG, IATA PAINT
14.3 Transport hazard class(es)

ADR

Class 3 (F1) Flammable liquids.
Label 3
IMDG, IATA

Class 3 Flammable liquids.
Label 3
Packing group
ADR, IMDG, IATA III
14.5 Environmental hazards: Not applicable.
14.6 Special precautions for user Warning: Flammable liquids.
Hazard identification number (Kemler code): 30

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EMS Number:	F-E,S-E
Stowage Category	A
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E
Remarks:	When using receptacles with a capacity of at most 450 litre, the transport is not subject to the regulations/ specifications of the ADR. However, it is recommended to note then in the shipping documents: > TRANSPORT AFTER SUBSECTION 2.2.3.1.5 ADR <
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Remarks:	Not subject to the IMDG provisions when packed in receptacles not exceeding 30 L capacity.
UN "Model Regulation":	UN 1263 PAINT, 3, III, (D/E)

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SECTION 15: Regulatory information

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

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
Seveso category P5c FLAMMABLE LIQUIDS
Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

National regulations:
Information about limitation of use:
Observe employment restrictions concerning young persons.
Observe employment restrictions for expectant or nursing mothers.
Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

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Labelling according to Regulation (EC) No 2004/42
VOC limit according to 2004/42/EC for category d (SB) and maximum VOC content: see lid.

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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The given conditions of work of the user extract themselves from our knowledge and control. The product/the preparation may be used without written permission for no other use, than the mentioned intended purpose. The user is responsible for the observance of all necessary legal instructions.

This Safety Data Sheet replaces all previous versions. With the newest version in each case, the preceding Safety Data Sheets are set out of strength.

For further information please consult the "Technical Data Sheet".
Misuse may cause damage to health and environment.

Labelling according to regulation (EC) No 528/2012
Relevant phrases
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H351 Suspected of causing cancer.
H361d Suspected of damaging the unborn child.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

Classification according to Regulation (EC) No 1272/2008	
Flammable liquids	On basis of test data

Abbreviations and acronyms:
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity - oral – Category 4
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Carc. 2: Carcinogenicity – Category 2
Repr. 2: Reproductive toxicity – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4
Sources
- Regulation 1907/2006/EC (REACH-Regulation)
- Regulation 1272/2008/EC (CLP-Regulation)