

Page 1/10

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 15.01.2024 Version number 6 (replaces version 5) Revision: 15.01.2024

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

- · 1.1 Product identifier
- · Trade name: MOTIP Klarlack HG, SM 400ml
- · Article number: 01603, 01654, 021603, 021654
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

· Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- · Product category PC9a Coatings and paints, thinners, paint removers
- · Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

- · Application of the substance / the mixture Clear coating material, Varnish
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

European Aerosols GmbH*

Kurt Vogelsang Strasse 6

D-74855 Haßmersheim

Tel.: +49 (0) 6266 750

e-mail: sds-de@european-aerosols.com

- *Formerly known as Motip Dupli GmbH
- · Further information obtainable from: Department Product Safety
- · 1.4 Emergency telephone number:

Tel.:+49 6266-75-310

Fax +49 6266-75-362

(Mo - Th 08:00 am - 04:00 pm, Fr 08:00 am - 00:30 pm)

UK:

Public emergeny phone no: 111

Only for healthcare professionals: 0344 892 0111

Ireland:

Poison center if childs have been poisened: 01 809 2166 (8:00 am - 10:00 pm, 7 days)

Only for healthcare professionals: 01 809 2566 (24 h / 7 days)

Tox Info Suisse 145 (24-h-emergency number)

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



(Contd. on page 2)

Version number 6 (replaces version 5) Printing date 15.01.2024 Revision: 15.01.2024

Trade name: MOTIP Klarlack HG, SM 400ml

(Contd. of page 1)

Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H336 May cause drowsiness or dizziness.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

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

· Hazard pictograms





GHS02

GHS07

· Signal word Danger

· Hazard-determining components of labelling:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (<2%)

· Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe spray.

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

Dispose of contents / container in accordance with regional regulations. P501

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

Buildup of explosive mixtures possible without sufficient ventilation.

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	25-<50%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	12.5-<20%
EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (<2%) Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH066	12.5-<20%

(Contd. on page 3)

Printing date 15.01.2024 Version number 6 (replaces version 5) Revision: 15.01.2024

Trade name: MOTIP Klarlack HG, SM 400ml

		(Contd. of page 2)
CAS: 106-97-8	butane (containing $< 0.1 \%$ butadiene (203-450-8))	12.5-<20%
EINECS: 203-448-7	◈ Flam. Gas 1A, H220	-
Index number: 601-004-00-0	Press. Gas (Comp.), H280	
Reg.nr.: 01-2119474691-32		
CAS: 75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	5-<10%
EINECS: 200-857-2	🚸 Flam. Gas 1A, H220	-
Index number: 601-004-00-0	Press. Gas (Comp.), H280	
Reg.nr.: 01-2119485395-27		

· Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply. 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: Take affected persons out into the fresh air.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Generally the product does not irritate the skin.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- · After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

 $CO2, powder\ or\ water\ spray.\ Fight\ larger\ fires\ with\ water\ spray\ or\ alcohol\ resistant\ foam.$

Use fire extinguishing methods suitable to surrounding conditions.

· 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

- · 5.3 Advice for firefighters -
- · Protective equipment:

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

Mouth respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

- · 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · 6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 4)

Printing date 15.01.2024 Version number 6 (replaces version 5) Revision: 15.01.2024

Trade name: MOTIP Klarlack HG, SM 400ml

See Section 13 for disposal information.

(Contd. of page 3)

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Keep away from heat and direct sunlight.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage
- · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 2 B
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

PNEC 1.06 mg/l (Seawater)

67-64-1 ac		1 2620 / 3 1500	
WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm			
,		(containing < 0,1 % butadiene (203-450-8))	
		value: 1810 mg/m³, 750 ppm	
		value: 1450 mg/m³, 600 ppm	
Card	c (if mor	re than 0.1% of buta-1.3-diene)	
DNELs			
67-64-1 ac	etone		
Oral	DNEL	62 mg/kg /per day (Consumer, longterm systemic)	
Dermal	DNEL	62 mg/kg /per day (Consumer, longterm systemic)	
	DNEL	186 mg/kg /per day (Worker, longterm systemic)	
Inhalative	DNEL	2420 mg/m3 (Worker, acute local)	
	DNEL	1210 mg/m3 (Worker, longterm systemic)	
	DNEL	200 mg/m3 (Consumer, longterm systemic)	
	DNEL	60 mg/m3	
Hydrocarb	ons, C	9-C11, n-alkanes, isoalkanes,cyclics, aromatics (<2%)	
Oral	DNEL	125 mg/kg /per day (Consumer, longterm systemic)	
Dermal	DNEL	208 mg/kg /per day (Worker, longterm systemic)	
	DNEL	125 mg/kg /per day (Consumer, longterm systemic)	
Inhalative	DNEL	871 mg/m3 (Worker, longterm systemic)	
	DNEL	185 mg/m3 (Consumer, longterm systemic)	
PNECs			

(Contd. on page 5)

Printing date 15.01.2024 Version number 6 (replaces version 5) Revision: 15.01.2024

Trade name: MOTIP Klarlack HG, SM 400ml

(Contd. of page 4)

PNEC 21 mg/l (Sporadic release)

PNEC 100 mg/l (Sewage treatment plant)
PNEC 30.4 mg/kg (Freshwater sediment)
PNEC 3.04 mg/kg (Seawater sediment)

PNEC 29.5 mg/kg (Soil)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Do not eat, drink, smoke or sniff while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Avoid contact with the eyes.

· Respiratory protection:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

· Hand protection



Protective gloves

· Material of gloves

Butyl rubber, BR

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.

· Penetration time of glove material

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min Butyl acetate: 60 min Ethyl acetate: 170 min Xylene: 42 min

Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42-480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

· Eye/face protection



Tightly sealed goggles

· Body protection: Light weight protective clothing

GB

Printing date 15.01.2024 Version number 6 (replaces version 5) Revision: 15.01.2024

Trade name: MOTIP Klarlack HG, SM 400ml

(Contd. of page 5)

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

Physical state
Colour:
Odour:
Clear
Characteristic

• Odour threshold:
• Melting point/freezing point:

Undetermined.

· Boiling point or initial boiling point and boiling

range Not applicable, as aerosol.

· Flammability Not applicable.

· Lower and upper explosion limit

• **Lower:** 1.5 Vol % (106-97-8 butane (containing < 0,1 %

butadiene (203-450-8))) 13 Vol % (67-64-1 acetone) Not applicable, as aerosol.

Flash point:
Auto-ignition temperature:
Not applicable, as aerosol.
240 °C (464 °F) (Hydrocarbons, C9-C11, n-alkanes,

isoalkanes, cyclics, aromatics (<2%))

· Decomposition temperature: Not determined.

• pH Mixture is non-soluble (in water).

· Viscosity:

· Upper:

Kinematic viscosityDynamic:Not determined.Not determined.

· Solubility

• water: Not miscible or difficult to mix.

· Partition coefficient n-octanol/water (log value) Not determined.

• Vapour pressure at 20 °C (68 °F): 8300 hPa (6225.5 mm Hg) (74-98-6 propane)

· Vapour pressure at 50 °C (122 °F): 16500 hPa (12376 mm Hg)

· Density and/or relative density

Density at 20 °C (68 °F):
Relative density
Vapour density
Not determined.
Not determined.

· 9.2 Other information

· Appearance:

· Form: Aerosol

· Important information on protection of health and

environment, and on safety.

· Explosive properties: Not determined.

· Solvent content:

· Organic solvents: 85.9 %
· VOC (EC) --601.3 g/l
· VOC-EU% 85.90 %
· Solids content: 14.0 %

· Change in condition

• Evaporation rate Not applicable.

· Information with regard to physical hazard classes

· Explosives Void · Flammable gases Void

· Aerosols Extremely flammable aerosol. Pressurised container:

May burst if heated.

Oxidising gases
 Gases under pressure
 Flammable liquids
 Flammable solids
 Self-reactive substances and mixtures

(Contd. on page 7)

Version number 6 (replaces version 5) Printing date 15.01.2024 Revision: 15.01.2024

Trade name: MOTIP Klarlack HG, SM 400ml

		(Contd. of page 6)
· Pyrophoric liquids	Void	
· Pyrophoric solids	Void	
· Self-heating substances and mixtures	Void	
· Substances and mixtures, which emit flamme	able	
gases in contact with water	Void	
· Oxidising liquids	Void	
· Oxidising solids	Void	
· Organic peroxides	Void	
· Corrosive to metals	Void	
· Desensitised explosives	Void	

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:		
67-64-1 acetone		
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50/4h	76 mg/l (rat)
	LC50 / 96 h	5540 mg/l (oncorhynchus mykiss)
Hydrocarb	ons, C9-C11	, n-alkanes, isoalkanes,cyclics, aromatics (<2%)
Oral	LD50	>5000 mg/kg /per day (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rat) (OECD 402)
Inhalative	LC50/4 h	>5000 mg/m3 (rat) (OECD 403)
· Skin corrosion/irritation No irritant effect.		

- · Serious eye damage/irritation Causes serious eye irritation.
- · Respiratory or skin sensitisation No sensitising effects known.
- · STOT-single exposure May cause drowsiness or dizziness.
- · 11.2 Information on other hazards
- · Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:		
67-64-1 ace	tone	
LC50/96h	8300 mg/l (fish)	
EC50/96h	7200 mg/l (algae)	

(Contd. on page 8)

Printing date 15.01.2024 Version number 6 (replaces version 5) Revision: 15.01.2024

Trade name: MOTIP Klarlack HG, SM 400ml

(Contd. of page 7)

LC50 / 48 h 8450 mg/l (crustacean (water flea))

- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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.

- · Uncleaned packaging:
- · Recommendation:

Dispose of packaging according to regulations on the disposal of packagings.

Non contaminated packagings may be recycled.

· 14.1 UN number or ID number

· ADR, IMDG, IATA UN1950

· 14.2 UN proper shipping name

· ADR 1950 AEROSOLS
· IMDG AEROSOLS

· IATA AEROSOLS, flammable

- · 14.3 Transport hazard class(es)
- $\cdot ADR$



· Class 2 5F Gases.

• *Label* 2.1

· IMDG, IATA



· Class 2.1 Gases.

· Label 2.1

· 14.4 Packing group

· ADR, IMDG, IATA not regulated

(Contd. on page 9)

Printing date 15.01.2024 Version number 6 (replaces version 5) Revision: 15.01.2024

Trade name: MOTIP Klarlack HG, SM 400ml

	(Contd. of page
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-
EMS Number:	F- D , S - U
· Stowage Code	SW1 Protected from sources of heat.
	SW22 For AEROSOLS with a maximum capacity of 1
	litre: Category A. For AEROSOLS with a capacity above
	1 litre: Category B. For WASTE AEROSOLS: Category
Comment of College	C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre:
	Segregation as for class 9. Stow "separated from" class
	except for division 1.4.
	For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision of class
	For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class
14.7 Maritime transport in bulk according to I	MO
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
	2
Transport category	
Transport category Tunnel restriction code	D
Tunnel restriction code IMDG	
Tunnel restriction code IMDG Limited quantities (LQ)	1L
Tunnel restriction code IMDG	1L Code: E0
Tunnel restriction code IMDG Limited quantities (LQ)	1L

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 P3a FLAMMABLE AEROSOLS
- \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · National regulations:
- · Information about limitation of use: Employment restrictions concerning juveniles must be observed.
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

· Relevant phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

(Contd. on page 10)

Printing date 15.01.2024 Version number 6 (replaces version 5) Revision: 15.01.2024

Trade name: MOTIP Klarlack HG, SM 400ml

(Contd. of page 9)

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the

International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1A: Flammable gases - Category 1A

Aerosol 1: Aerosols - Category 1

Press. Gas (Comp.): Gases under pressure - Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids - Category 3

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard - Category 1

* Data compared to the previous version altered.

– Gl