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

Printing date 13.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

1.1 Product identifier Trade name: MOTIP	
	TUNING LINE ENGINE PAINT ALUMINIUM 400 ML
No further relevant inf Sector of Use SU21 Consumer uses SU22 Professional us Product category Pain Process category PROC7 Industrial spi PROC11 Non industr	d uses of the substance or mixture and uses advised against formation available. :: Private households / general public / consumers ses: Public domain (administration, education, entertainment, services, craftsmen) at remover raying
Manufacturer/Supplie European Aerosols B.V Wolfraamweg 2 NL-8471 XC Wolvega The Netherlands Tel : +31 (0)561 69440 e-mail: sds-nl@europe *Formerly known as M Further information o 1.4 Emergency telephu +31 (0)561-694400 (09	V.* 00 ean-aerosols.com Iotip Dupli B.V. obtainable from: Department Product Safety one number:
	urds identification
SECTION 2: Haza	
2.1 Classification of the Classification according of the Classification according of the Classification flame flame	he substance or mixture ng to Regulation (EC) No 1272/2008 29 Extremely flammable aerosol. Pressurised container: May burst if heated.
2.1 Classification of the Classification according of the Clas	ng to Regulation (EC) No 1272/2008
2.1 Classification of the Classification according of the Classification according of the Classification flame flame	ng to Regulation (EC) No 1272/2008 29 Extremely flammable aerosol. Pressurised container: May burst if heated.

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	(Contd. of page
Hazard pictog	rams
$\wedge$	<b>∧</b>
/ she	
	•
GHS02 GH	IS07
011502 01	1307
Signal word L	Danger
	nining components of labelling:
acetone	
	, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
Hazard staten	
	xtremely flammable aerosol. Pressurised container: May burst if heated.
	auses serious eye irritation.
	ay cause drowsiness or dizziness.
Precautionary	
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.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection / face protection.
P305+P351+P	P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i
	present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents / container in accordance with regional regulations.
Additional inf	
EUH066 Repe	ated exposure may cause skin dryness or cracking.
	plosive mixtures possible without sufficient ventilation.
EUH211 Warr	ning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or
mist.	
2.3 Other haze	ards

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

\*

· 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%
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EC number: 919-857-5 Reg.nr.: 01-2119463258-33	<i>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</i>	12.5-<20%
	<ul> <li>Flam. Liq. 3, H226</li> <li>Asp. Tox. 1, H304</li> <li>STOT SE 3, H336</li> </ul>	
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane (containing < 0,1 % butadiene (203-450-8)) ♦ Flam. Gas IA, H220 Press. Gas (Comp.), H280	10-<12.5%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8)) Flam. Gas 1A, H220 Press. Gas (Comp.), H280	10-<12.5%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	titanium dioxide 🚸 Carc. 2, H351	<2.5%
CAS: 2457-02-5 EINECS: 219-536-3 Reg.nr.: 01-2120783571-49	strontium(II) 2-ethylhexanoate Repr. 2, H361 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315	<i>≤</i> 0.5%
CAS: 34140-91-5 EINECS: 251-846-4 Reg.nr.: 01-2119974119-29-xxxx	<ul> <li>Oleic acid, compound with (Z)-N-octadec-9-enylpropane- 1,3-diamine (2:1)</li> <li>STOT RE 2, H373</li> <li>Aquatic Acute 1, H400 (M=10); Aquatic Chronic 2, H411</li> <li>Skin Irrit. 2, H315; Eye Irrit. 2, H319</li> </ul>	<b>≤</b> 0.5%

• Additional information: For the wording of the listed hazard phrases refer to section 16.

#### **SECTION 4:** First aid measures

• 4.1 Description of first aid measures

- · 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

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- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- $\cdot$  5.2 Special hazards arising from the substance or mixture
- No further relevant information available.
- No further relevant information available.
- · 5.3 Advice for firefighters -
- · Protective equipment: No special measures required.

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### **SECTION 6:** Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation 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 item 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.

See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

• 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

- *Information about fire and explosion protection:* Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke.
- · 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

· Ingredients with limit values that require monitoring at the workplace:

#### 67-64-1 acetone

WEL Short-term value: 3620 mg/m<sup>3</sup>, 1500 ppm

Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm

### 106-97-8 butane (containing < 0,1 % butadiene (203-450-8))

WEL Short-term value: 1810 mg/m<sup>3</sup>, 750 ppm Long-term value: 1450 mg/m<sup>3</sup>, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

13463-67-7 titanium dioxide

WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup> \*total inhalable \*\*respirable

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

- Appropriate engineering controls No further data; see item 7.
- · Individual protection measures, such as personal protective equipment
- General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

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(Contd. of page 4) 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 **SECTION 9: Physical and chemical properties** · 9.1 Information on basic physical and chemical properties · General Information · Physical state Aerosol · Colour: Different according to colouring

- · Odour:
- · Odour threshold:
- Melting point/freezing point:
- Boiling point or initial boiling point and boiling range
- · Flammability
- · Lower and upper explosion limit
- · Lower:
- · Upper:
- · Flash point:
- · Ignition temperature:
- Decomposition temperature:
- ∙ pH

Different according to colouring Solvent-like Not determined. Undetermined.

Not applicable, as aerosol. Not applicable.

0.6 Vol % (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics) 13 Vol % (67-64-1 acetone) Not applicable, as aerosol. 240 °C (464 °F) (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics) Not determined. Not determined.

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· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	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):	3500 hPa (2625.2 mm Hg)
· Density and/or relative density	-
• Density at 20 •C (68 •F):	$0.8 \ g/cm^3 (6.7 \ lbs/gal)$
· Relative density	Not determined.
· Vapour density	Not determined.
• 9.2 Other information	
· Appearance:	
· Form:	Aerosol
<ul> <li>Important information on protection of health an environment, and on safety.</li> </ul>	d
· Explosive properties:	Not determined.
· Solvent content:	ivoi uerermineu.
· Organic solvents:	84.3 %
· VOC (EC)	
	691.6 g/l
· VOC-EU%	84.34 %
· Solids content:	15.6 %
· Change in condition	15.0 70
· Evaporation rate	Not applicable.
· Information with regard to physical hazard classe	?S
· Explosives	Void
· Flammable gases	Void
·Aerosols	Extremely flammable aerosol. Pressurised container:
	May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
• Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable	
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

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• 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.

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· 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

· LD/LC50	values rele	vant for classification:
67-64-1 a	cetone	
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)

Inhalative LC50 / 4h 76 mg/l (rat)

# 2457-02-5 strontium(II) 2-ethylhexanoate

Oral LD50 2043 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rat)

• 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 acetone

LC50/96h 8300 mg/l (fish)

EC50/96h 7200 mg/l (algae)

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 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

# **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.

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## · Uncleaned packaging:

· Recommendation:

Disposal must be made according to official regulations. Disposal must be made according to official regulations.

# **SECTION 14: Transport information**

SECTION 14. Transport information	
· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1950
<ul> <li>14.2 UN proper shipping name</li> <li>ADR</li> <li>IMDG</li> <li>IATA</li> </ul>	1950 AEROSOLS AEROSOLS AEROSOLS, flammable
· 14.3 Transport hazard class(es)	
· ADR	
· Class · Label	2 5F Gases. 2.1
· IMDG, IATA	
· Class	2.1 Gases.
· Label	2.1
· 14.4 Packing group · ADR, IMDG, IATA	not regulated
· 14.5 Environmental hazards:	Not applicable.
<ul> <li>14.6 Special precautions for user</li> <li>Hazard identification number (Kemler code):</li> <li>EMS Number:</li> <li>Stowage Code</li> <li>Segregation Code</li> </ul>	Warning: Gases. - F-D,S-U 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 C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
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· 14.7 Maritime transport in bulk accord	ing to IMO
instruments	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	1L
· Excepted quantities ( $\widetilde{EQ}$ )	Code: E0
· · · · · · ·	Not permitted as Excepted Quantity
· Transport category	2
· Tunnel restriction code	D
·IMDG	
$\cdot$ Limited quantities (LQ)	1L
· Excepted quantities ( $\widetilde{EQ}$ )	Code: E0
1 1 2	Not permitted as Excepted Quantity
	Code: E0
	Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

# 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:

· Other regulations, limitations and prohibitive regulations

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· 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.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.

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	to aquatic life with long lasting effects.	
EUH066 Repe	ted exposure may cause skin dryness or cracking.	
Department is	uing SDS: R&D legislation and regulatory advisor	
	l: sds-nl@european-aerosols.com	
	*	
	and acronyms:	
	ernational concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning	the
	port of Dangerous Goods by Rail)	
	I Civil Aviation Organisation	
	f au transport international des marchandises dangereuses par route (European Agreement Concerning the age of Dangerous Goods by Road)	
	al Maritime Code for Dangerous Goods	
	l Air Transport Association	
	monised System of Classification and Labelling of Chemicals	
	Inventory of Existing Commercial Chemical Substances	
	List of Notified Chemical Substances	
	stracts Service (division of the American Chemical Society)	
	inic Compounds (USA, EU)	
	entration, 50 percent	
LD50: Lethal dose	50 percent	
PBT: Persistent, E	paccumulative and Toxic	
SVHC: Substance	of Very High Concern	
	nt and very Bioaccumulative	
	nmable gases – Category 1A	
Aerosol 1: Aeroso		
	: Gases under pressure – Compressed gas	
	nable liquids – Category 2	
	nable liquids – Category 3 taniita – Category 3	
	r toxicity – Category 4 prrosion/irritation – Category 2	
	s eye damage/eye irritation – Category 1	
	s eye damage/eye irritation – Category 1 s eye damage/eye irritation – Category 2	
	nicity – Category 2	
	ive toxicity – Category 2	
	c target organ toxicity (single exposure) – Category 3	
	c target organ toxicity (repeated exposure) – Category 2	
	tion hazard – Category 1	
	azardous to the aquatic environment - acute aquatic hazard – Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment - long-term aquatic hazard - Category 2	
	ed to the previous version altered.	