

Printing date 08.12.2019 V-3 Revision: 08.12.2019

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

- · 1.1 Product identifier
- · Trade name: CAM ANTI CHIP BLACK/WHITE/GREY
- 1.2 Relevant identified uses of the substance or mixture and uses advised against Not determined
- · Application of the substance / the mixture

Anticorrosion additive Surface protection

- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Vosschemie GmbH Esinger Steinweg 50 D-25436 Uetersen

Phone: +49 (0)4122 717 0; Fax: +49 (0)4122 717158; info@vosschemie.de

· Further information obtainable from:

Abteilung Labor / +49 (0)4122 717 0

s.schaller@vosschemie.de

· 1.4 Emergency telephone number:

Giftinformationszentrum (GIZ)-Nord, Goettingen, Deutschland

Phone: +49 (0)551 19240

· 1.5 Distributed By:

Sydney Automotive Paint and Equipment

Unit A3, 366 Edgar Street

Condell Park

NSW 2200

Australia

Tel: +61 2 9772 9000

Email: reception@sape.com.au

Emergency telephone: AU Poison Information Centre 13 11 26

 General medical information:
 +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)

 Transport information:
 +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)

SECTION 2: Hazards identification

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



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



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STOT SE 3

H336 May cause drowsiness or dizziness.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



F; Highly flammable

R11: F

Highly flammable.



N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66-67: Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

· Information concerning particular hazards for human and environment:

Vapours of the product are heavier than air and may accumulate on the ground, in mines, drains or cellars with higher concentration.

Heightened risk of fire and danger of explosion at accumulation in lower-lying or closed rooms Has a narcotising effect.

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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

GHS07

GHSO

· Signal word Danger

· Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light

· Hazard statements

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

· 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.

P260 Do not breathe mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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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.

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

SECTION 3: Composition/information on ingredients

- · 3.2 Chemical characterisation: Mixtures
- · Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	25-50%
EC number: 920-750-0	Xn R65; 🕟 F R11; 👺 N R51/53	
Reg.nr.: 01-2119473851-33		
	 Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic H411; STOT SE 3, H336 	
CAS: 1330-20-7	xylene, mixture of isomers	2.5-10%
EINECS: 215-535-7	X Xn R20/21; X Xi R38	
Reg.nr.: 01-2119488216-32	RI0	
	♠ Flam. Liq. 3, H226; ♠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	

[·] Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: POISON INFROMATION CENTRE CALL 13 11 26 (AUSTRALIA)

Personal protection for the First Aider.

Take affected persons out of danger area and lay down.

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: Do not induce vomiting; call for medical help 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.

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Hazchem: •3YE

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fire with alcohol resistant foam.

Water haze

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

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

- 5.3 Advice for firefighters
- · Protective equipment:

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Remove undamaged containers from the danger zone.

Cool endangered receptacles with water spray.

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

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid contact with the eyes and skin.

· 6.2 Environmental precautions:

Do not allow to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

· 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Do not flush with water or aqueous cleansing agents

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

Keep receptacles tightly sealed.

Prevent formation of aerosols.

Do not inhale gases / fumes / aerosols.

Ensure good ventilation/exhaustion at the workplace.

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

Avoid contact with the eyes and skin.

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· Information about fire - and explosion protection:

Vapours of the product are heavier than air and may accumulate on the ground, in mines, drains or cellars with higher concentration.

Fumes can combine with air to form an explosive mixture.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· 7.2 Conditions for safe storage, including any incompatibilities

- · Storage:
- · Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Adhere to the provisions of the Law on Water Protection.

- · Information about storage in one common storage facility: Keep away from foodstuffs, beverages and feed.
- · Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Protect from heat and direct sunlight.

Keep ignition sources away - Do not smoke.

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

SECTION 8: Exposure controls/personal protection

- · Additional information about design of technical facilities: No further data; see item 7.
- · 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
1330-20-7 xylene, mi	ixture of isomers
WEL (Great Britain)	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV
IOELV (EU)	Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm Skin
· DNELs	

	Skin	
DNELs		
64742-49-	0 Naphtha (petroleum), hydrotreated light	
Oral	Long-term exposure - systemic effects	699 mg/kg bw/day (general population)
Dermal	Long-term exposure - systemic effects	699 mg/kg bw/day (general population)
		773 mg/kg bw/day (worker)
Inhalative	Long-term exposure - systemic effects	608 mg/m³ (general population)
		2035 mg/m³ (worker)
1330-20-7	xylene, mixture of isomers	
Oral	Long-term exposure - systemic effects	1.6 mg/kg bw/day (general population)
Dermal	Long-term exposure - systemic effects	108 mg/kg bw/day (general population)
		180 mg/kg bw/day (worker)
Inhalative	Acute/short-term exposure - local effects	174 mg/m³ (general population)
		289 mg/m³ (worker)
	Acute/short-term exposure - systemic effects	174 mg/m³ (general population)
		289 mg/m³ (worker)
	Long-term exposure - systemic effects	14.8 mg/m³ (general population)

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	77 mg/m³ (worker)
· PNECs	
1330-20-7 xylen	e, mixture of isomers
PNEC aqua	0.327 mg/l (freshwater)
	0.327 mg/l (marine water)
	0.327 mg/l (intermittent releases)
PNEC sediment	12.46 mg/kg (freshwater)
	12.46 mg/kg (marine water)
· Ingredients with	biological limit values:
1330-20-7 xylen	e, mixture of isomers
BMGV (Great B	ritain) 650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

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

Wash hands before breaks and at the end of work.

Immediately remove all soiled and contaminated clothing

Store protective clothing separately.

Avoid contact with the eyes and skin.

Use skin protection cream for skin protection.

Respiratory protection:

Adhere to the workplace limit values and / or other threshold values.

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 A/P2

Protection of hands:



Protective gloves

Solvent resistant gloves

Check the permeability prior to each anewed use of the glove.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Nitrile rubber, NBR

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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Fluid

Colour: According to product specification

· Odour: Characteristic
· Odour threshold: Not determined

· pH-value: Not determined

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 98 °C

· Flash point: 2 °C

· Ignition temperature: > 200 °C

· Self-igniting: Product is not selfigniting.

• Danger of explosion: Product is not explosive. However, formation of explosive air/

vapour mixtures are possible.

· Explosion limits:

· Solubility in / Miscibility with

 Lower:
 0.7 Vol %

 Upper:
 7.0 Vol %

 • Vapour pressure at 20 °C:
 30 hPa

rupoui pressure ut 20°C.

• Density at 20 °C: 1.05 g/cm^3

water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined

· Viscosity:

 Dynamic at 20 °C:
 8000 mPas

 Kinematic at 40 °C:
 30 mm²/s

• 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No decomposition if used according to specifications.
- · 10.2 Chemical stability No decomposition if used and stored according to specifications.
- · 10.3 Possibility of hazardous reactions Forms explosive gas mixture with air.
- · 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:

Formation of toxic gases is possible during heating or in case of fire.

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- · Acute toxicity:

· LD/LC50	· LD/LC50 values relevant for classification:	
64742-49-	64742-49-0 Naphtha (petroleum), hydrotreated light	
Oral	LD 50	> 5000 mg/kg (rat)
Dermal	LD 50	> 2800 mg/kg (rabbit)
Inhalative	LC 50 / 4h	> 23 mg/l (rat)
1330-20-7	1330-20-7 xylene, mixture of isomers	
Oral	LD 50	> 4000 mg/kg (rat)
Dermal	LD 50	> 1700 mg/kg (rabbit)
Inhalative	LC 50 / 4h	21.7 mg/l (rat) (Vapour)
	LC50 /4h	6350 ppm (rat) (vapour)

- Primary irritant effect:
- on the skin: Repeated exposure may cause skin dryness or cracking.
- on the eye: No irritating effect.
- · Subacute to chronic toxicity: No further relevant information available.
- · Additional toxicological information: Vapours may cause drowsiness and dizziness.
- · Sensitisation No sensitising effects known.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

No further relevant information available.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic to	· Aquatic toxicity:	
64742-49-	64742-49-0 Naphtha (petroleum), hydrotreated light	
EC50/48h	3 mg/l (daphnia magna)	
EC50/72h	10-30 mg/l (oncorhynchus mykiss)	
LC50/96h	13.4 mg/l (oncorhynchus mykiss)	
LOEC	0.32 mg/l (daphnia magna) (21 days)	
NOEC	0.17 mg/l (daphnia magna) (21 days)	
NOEL	10 mg/l (Pseudokirchneriella subcapitata) (72 h)	
1330-20-7	xylene, mixture of isomers	
EC50	> 175 mg/l (activated slugde)	
EC50/48h	3.82 mg/l (daphnia magna)	
	8.5 mg/l (palaemonetes pugio) (marine water)	
EC50/72h	4.7 mg/l (Pseudokirchneriella subcapitata)	
LC50/96h	> 780 mg/l (Cyprinus carpio)	
	13.1 - 16.5 mg/l (Lepomis macrochirus)	
	7.6 mg/l (oncorhynchus mykiss)	
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13.4 mg/l (pimephales promelas)

NOEC > 1.3 mg/l (oncorhynchus mykiss) (56 d)

· 12.2 Persistence and degradability

Easily biodegradable

1330-20-7 xylene, mixture of isomers

Biodegradation 87.8 % (-) (28d)

· 12.3 Bioaccumulative potential

1330-20-7 xylene, mixture of isomers

BCF 6 - 23.4 (oncorhynchus mykiss)

log Pow > 3 (-)

- · Behaviour in environmental systems:
- · 12.4 Mobility in soil No further relevant information available.
- · Ecotoxical effects:
- · Remark: Toxic for fish
- · Additional ecological information:
- · General notes:

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.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

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. Disposal must be made according to official regulations.

· Waste disposal key:

The waste codes given above are to be considered recommendations; because of regional and industrial sector specific features, application of different waste codes is possible.

· European waste catalogue

08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

- · Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information		
· 14.1 UN-Number · ADR, IMDG, IATA	UN1139	
· 14.2 UN proper shipping name · ADR	1139 COATING SOLUTION, ENVIRONMENTALLY HAZARDOUS	

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· IMDG	COATING SOLUTION (Naphtha (petroleum) hydrotreated light), MARINE POLLUTANT
· IATA	COATING SOLUTION
· 14.3 Transport hazard class(es)	Hazchem: •3YE
ADR, IMDG	
· Class	3 Flammable liquids.
· Label	3
· IATA	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group · ADR, IMDG, IATA	II
· 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR):	Product contains environmentally hazardous substance Naphtha (petroleum), hydrotreated light Symbol (fish and tree) Symbol (fish and tree)
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	33
· EMS Number:	F-E, <u>S-E</u>
· 14.7 Transport in bulk according to Anne MARPOL73/78 and the IBC Code	ex II of Not applicable.
Transport/Additional information:	
· ADR	
Limited quantities (LQ)	<i>5L</i>
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category	2
· Tunnel restriction code	<i>D/E</i>
· IMDG	
· Limited quantities (LQ)	5L Code: F2
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml
	Μαγιμιμι μοι αμαμιτή μον ιμμον μαςκασιμό. Κι μι



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SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · European regulations
- · Directive 2004/42/EC 2004/42/IIB (e) (840) <550
- · National regulations:
- · Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women 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

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
- R10 Flammable.
- R11 Highly flammable.
- R20/21 Harmful by inhalation and in contact with skin.
- R38 Irritating to skin.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- *R65 Harmful: may cause lung damage if swallowed.*
- *R66* Repeated exposure may cause skin dryness or cracking.
- *R67* Vapours may cause drowsiness and dizziness.
- · Department issuing MSDS: Abteilung Labor
- · Contact: Frau S. Schaller
- · 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)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport 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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

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Asp. Tox. 1: Aspiration hazard, Hazard Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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