

Product Identifier:

Safety Data Sheet

PPG Traffic Solutions
(Trading as Prismo Road
Markings Limited)
5 Drumhead Road
Chorley North Industrial Park
Chorley, Lancashire
PR6 7BX, United Kingdom



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

- 1.1 Product Identifier**
Product Name: Cataphos Premium Line Paint
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Advised against: Consumer use, product is not intended for consumer use
- 1.3 Details of the supplier of the substance of mixture**
Suppliers name:
PPG Traffic Solutions
(Trading as Prismo Road Markings Limited)
5Drumhead Road,
Chorley North Industrial Estate,
Chorley, Lancashire,
PR6 7BX
United Kingdom
- Telephone Number: +44 (0) 1257 225 100*
Fax Number: +44 (0) 1257 224 606
Email Address: info@ennisflint.com
- 1.4 Emergency Telephone Number:**
+44 (0) 1257 225 100

SECTION 2: Hazards Identification

- 2.1 Classification of substance or mixture**
Mixture
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**
Flam. Liq. 2, H225
Skin Irrit. 2, H315
Repr. 2, H361d
STOT SE 3, H336
STOT RE 2, H373
- 2.1.2 Classification according to Directive 1999/45/EC [DPD]**
The product is classified as dangerous according to Directive 1999/45/EC and its amendments.
- 2.1.3 Classification**
F; R11
Repr. Cat. 3; R63
Xn; R48/20
Xi; R38
R67
- 2.1.4 Physical/chemical hazards**
Highly flammable
- 2.1.5 Human health hazards**
Possible risk of harm to the unborn child. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Irritating to skin. Vapours may cause drowsiness and dizziness.
See Section 16 for the full text of the R phrases or H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.
- 2.2 Label Elements**
Hazard Pictograms



- 2.2.1 Signal word**
Danger

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- 2.2.2 Hazard statements**
 Highly flammable liquid and vapour.
 Causes skin irritation.
 Suspected of damaging the unborn child.
 May cause drowsiness or dizziness.
 May cause damage to organs through prolonged or repeated exposure.
- 2.2.3 Precautionary statements**
Prevention
 Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe vapour or spray.
- 2.2.4 Response**
 In case of fire: Use water spray, dry chemical powder or carbon dioxide for extinction.
- 2.2.5 Storage**
 Store in a well-ventilated place. Keep cool. Store locked up.
- 2.2.6 Disposal**
 Dispose of contents and container in accordance with all local, regional, national and international regulations.
- 2.2.7 Supplemental label elements**
 Contains 2-butanone oxime. May produce an allergic reaction. Restricted to professional users.
- 2.2.8 Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**
 Not applicable
- 2.2.9 Special packaging requirements**
Containers to be fitted with child-resistant fastenings
 Not applicable
- 2.2.10 Tactile warning of danger**
 Not applicable
- 2.3 Other hazards**
Other hazards which do not result in classification
 Not known

SECTION 3: Composition/information on ingredients

- 3.1 Mixtures**
Substance/Mixture
 Mixture

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II – United Kingdom (UK)

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Toluene	REACH #: 01-2119471310-51 EC: 203-625-9 CAS: 108-88-3 Index: 601-021-00-3	25 - <35	F; R11 Repr. Cat. 3; R63 Xn; R48/20, R65 Xi; R38	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304	[1] [2]
Xylene (mixture of isomers)	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7 Index: 601-022-00-9	1 - <5	R10 Xn; R20/21 Xi; R38	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315	[1] [2]
2-Butanone oxime	EC: 202-496-6 CAS: 96-29-7 Index: 616-014-00-0	0.1 - <1	Carc. Cat. 3; R40 Xn; R21 Xi; R41 R43 See Section 16 for the full text of the Rphrases declared above.	Acute Tox. 4, H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351 See Section 16 for the full text of the Rphrases declared above.	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

- 3.1.1 Type**
 [1] Substance classified with a health or environmental hazard
 [2] Substance with a workplace exposure limit
 [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
 [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
 [5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures**4.1 Description of first aid measures****General advice**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

Inhalation

Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Ingestion

If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

Skin contact

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

Eye contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

There are no data available on the mixture itself. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 2-butanone oxime. May produce an allergic reaction.

4.3 Indications of any immediate medical attention and special treatment needed**Notes to physician**

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments

No specific treatment.

SECTION 5: Firefighting measures**5.1 Description of first aid measures****Suitable**

Recommended: alcohol-resistant foam, CO₂, powders, water spray.

Not suitable

Do not use water jet.

5.2 Special hazards arising from the substance or mixture**Hazard from the substance or mixture**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Hazardous thermal decomposition products

Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

5.3 Advice for firefighters**Special precautions for fire-fighters**

Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

Special protective equipment for fire-fighters

Appropriate breathing apparatus may be required.

Additional information

No unusual hazard if involved in a fire.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

6.2 Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents.

6.4 Reference to other sections

Note: see SECTION 1 for emergency contact information, SECTION 8 for personal protection and SECTION 13 for waste disposal

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.

Operators should wear antistatic footwear and clothing and floors should be of the conducting type.

Keep away from heat, sparks and flame. No sparking tools should be used.

Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Put on appropriate personal protective equipment (see Section 8).

Never use pressure to empty. Container is not a pressure vessel.

Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws.

Do not allow to enter drains or watercourses.

Information on fire and explosion protection

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

Additional information on storage conditions

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking.

Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

Recommendations

Not available

Industrial sector specific solutions

Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredients name	Exposure limit values
Toluene	EH40/2005 WELs (United Kingdom (UK), 12/2011). Absorbed through skin. STEL: 384 mg/m ³ 15 minutes. STEL: 100 ppm 15 minutes. TWA: 191 mg/m ³ 8 hours. TWA: 50 ppm 8 hours.
xylene (mixture of isomeres)	EH40/2005 WELs (United Kingdom (UK), 12/2011). Absorbed through skin. STEL: 441 mg/m ³ 15 minutes. STEL: 100 ppm 15 minutes. TWA: 220 mg/m ³ 8 hours. TWA: 50 ppm 8 hours.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available

PNECs

No PNECs

8.2**Exposure controls****Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

Individual protection measures**Hygiene measures**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye and face protection

Safety glasses with side shields. (EN166)

Skin Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

Gloves

For prolonged or repeated handling, use the following type of gloves:

The recommendation for the type or types of glove to use when handling this product is based on information from the following source:

EN 374-3: 2003

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

Body protection

Personnel should wear antistatic clothing made of natural fibres or of hightemperature-resistant synthetic fibres. (EN 1149-1)

Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Recommended: organic vapour filter (Type A) (EN 141)

Environmental exposure controls

Do not allow to enter drains or watercourses.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	Liquid
Colour	White – Green – Black – Red – Blue – Yellow
Odour	Not available
pH	Not available
Melthing point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Closed cup 4°C
Evaporation rate	Not available
Flammability (solid, gas)	Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge. Flammable in the presence of the following materials or conditions: heat. Vapour may travel a considerable distance to source of ignition and flash back.
Burning time	Not applicable
Burning rate	Not applicable
Upper/lower flammability of explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	1.42 to 1.53
Solubility(ies)	Not available
Solubility in water	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available

Viscosity

Not available.

Explosive properties

Explosive in the presence of the following materials or conditions: open flames, sparks and static discharge.
Slightly explosive in the presence of the following materials or conditions: heat.
Take precautionary measures against static discharges.

Oxidising properties

Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and Reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see Section 7).

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products.

10.5 Incompatible materials

Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. If involved in a fire, toxic gases including CO, CO₂ and smoke can be generated.

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SECTION 11: Toxicological Information

11.1 Information on toxicological effects

There are no data available on the mixture itself. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 2-butanone oxime. May produce an allergic reaction.

11.1.1

(a) Acute toxicity

Product/ingredient	Result	Species	Dose	Exposure
Toluene	LC50 Inhalation Vapour	Rat	49 g/m ³	4 Hours
Xylene (mixture of isomeres)	LC50 Inhalation Gas.	Rat	5000 ppm	4 Hours
	LC50 Inhalation Gas.	Rat	6670 ppm	4 hours
	LD50 Oral	Rat	4300 mg/kg	-
	TDLo Dermal	Rabbit	4300 mg/kg	-
2-butanone oxime	LC50 Inhalation Vapour	Rat	>4416 mg/l	4 hours

Conclusion/summary

Not available

Acute toxicity estimates

Not available

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Toluene	Eyes – Mild irritant	Rabbit	-	0.5 minutes 100 Milligrams	-
	Eyes – Mild irritant	Rabbit	-	870 Micrograms	-
	Eyes - Severe irritant	Rabbit	-	24 hours 2 Milligrams	-
	Skin - Mild irritant	Pig	-	24 hours 250 Microliters	-
	Skin - Mild irritant	Rabbit	-	435 Milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 Milligrams	-
	Skin - Moderate irritant	Rabbit	-	500 Milligrams	-
Xylene (mixture of isomeres)	Eyes - Mild irritant	Rabbit	-	87 milligrams	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5 Milligrams	-
	Skin - Mild irritant	Rat	-	8 hours 60 Microliters	-
	Skin - Moderate irritant	Rabbit	-	100 Percent	-
2-butanone oxime	Eyes - Severe irritant	Rabbit	-	100 Microliters	-

Conclusion/summary

Skin Sensitisation

Causes skin irritation

Conclusion/summary

Mutagenicity

Not available

Conclusion/summary

Carcinogenicity

Not available

Product Identifier:

Conclusion/summary

Reproductive toxicity

Not available

Conclusion/summary

Teratogenicity

Suspected of damaging the unborn child.

Specific target organ toxicity (single exposure)

Not available

Specific target organ toxicity (repeated exposure)

Not available

Aspiration hazard

Not available

Other information

Not available

SECTION 12: Ecological Information

12.1 Toxicity

There are no data available on the mixture itself.
Do not allow to enter drains or watercourses.

Product/ingredient	Result	Species	Exposure
Toluene	Acute EC50 433 ppm Marine water	Algae - Skeletonema costatum	96 hours
	Acute EC50 12.5 mg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 6 mg/l Fresh water	Daphnia spec. - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling)	48 hours
	Acute LC50 15.5 ppm Marine water	Crustaceans - Palaemonetes pugio - Adult	48 hours
	Acute LC50 5.5 mg/l Fresh water	Fish - Oncorhynchus kisutch - Fry	96 hours
	Chronic NOEC 500 mg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Chronic NOEC 1000 µg/l Fresh water	Daphnia spec. - Daphnia magna	21 days
2-butanone oxime	Acute EC50 750 mg/l	Daphnia spec.	48 hours
	Acute IC50 83 mg/l	Algae	72 hours
	Acute LC50 843000 µg/l Fresh water	Fish - Pimephales promelas	96 hours

Conclusion/summary

Not available

12.2 Persistence and degradability

Product/ingredient	Test	Result	Dose	Inoculum
xylene (mixture of isomeres)	-	90 % - Readily - 5 days	-	-

Conclusion/Summary

Not available

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
xylene (mixture of isomeres)	-	-	Readily
2-butanone oxime	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Toluene	2,6	8.317637711	Low
Xylene (mixture of isomers)	3.16	-	High
2-butanone oxime	0.59	5.01	Low

12.4 Mobility in soil

Soil/water partition coefficient (Koc)

Not available

Mobility

Volatile

12.5 Results of PBT and vPvB

PBT

Not applicable

Product Identifier:

vPvB

Not applicable

12.6

Other adverse effects here

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1

Waste treatment methods

Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

13.1.1

Hazardous waste

Yes

13.1.2

Disposal considerations

Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

13.1.4

European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

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

13.2

Packaging

Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Disposal considerations

Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Not emptied containers are hazardous waste.

Special precautions

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport Information

Transportation regulations

	ADR/RIP	IMDG	IATA
14.1 UN number	UN1263	UN1263	UN1263
14.2 UN proper shipping class(es)	Paint [tolene]	Paint [toluene]	
14.3 Transport hazard class(es)	3	3	3
14.4 Packing group	II	II	II
14.5 Environmental hazards	No.	No.	No.
14.6 Additional information	Limited quantity: LQ6	Emergency schedules (EmS): F-E + S-E	Passenger and Cargo Aircraft Quantity limitation: 5 L Packaging instructions: 353
	Remarks: (< 5L:) Limited Quantity - ADR/IMDG 3.4	Marine pollutant: NO	Cargo Aircraft Only Quantity limitation: 60 L Packaging instructions: 364
	ADR Tunnel code: (D/E)	Remarks: (< 5L:) Limited Quantity - ADR/IMDG 3.4.6	Limited Quantities - Passenger Aircraft Quantity limitation: 1 L Packaging instructions: Y 341

14.6

Transport within user's premises

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Product Identifier:

SECTION 15: Regulatory information

15.1

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

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

CN code

3208 90 99

EU regulations (EC) No. 1907/2006 (REACH)

Annex XIV – List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substance if very high concern

None of the components are listed.

Annex XVII – Restrictions of manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable

Other EU regulations

VOC for Ready-for-Use mixture

2004/42/EC - IIA/i: 600g/l (2007) 500g/l (2010). <= 450g/l VOC.

Europe inventory

Not determined

Priority list chemicals

Listed

(793/EEC)

Product/ingredient name	Carcinogenic effects	Mutagenic effects	Development effects	Fertility effects
Toluene	-	-	Repr. Cat 3; R63	-
2-butanone oxime	Carc. Cat. 3; R40	-	-	-

National regulations

15.2

Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

16.1

Other information

Abbreviations and acronyms

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

vPvB = Very Persistent and Very Bioaccumulative

16.2

Procedure used to derive the classification according to Regulations (EC) No. 1271/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 2, H225	Expert judgment
Skin Irrit. 2, H315	Calculation method
Repr. 2, H361d	Calculation method
STOT SE 3, H336	Calculation method
STOT SE 3, H336	Calculation method

16.3

Full text of abbreviated H statements

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.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

16.4

Full text of classifications [CLP/GHS]

Acute Tox. 4, H312 ACUTE TOXICITY: SKIN - Category 4
Acute Tox. 4, H332 ACUTE TOXICITY: INHALATION - Category 4
Asp. Tox. 1, H304 ASPIRATION HAZARD - Category 1
Carc. 2, H351 CARCINOGENICITY - Category 2
Eye Dam. 1, H318 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3
Repr. 2, H361d TOXIC TO REPRODUCTION [Unborn child] - Category 2
Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1, H317 SKIN SENSITIZATION - Category 1
STOT RE 2, H373 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3

16.5

Full text of abbreviation R phrases

R11- Highly flammable.
R10- Flammable.
R40- Limited evidence of a carcinogenic effect.
R63- Possible risk of harm to the unborn child.
R21- Harmful in contact with skin.
R20/21- Harmful by inhalation and in contact with skin.
R48/20- Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65- Harmful: may cause lung damage if swallowed.
R41- Risk of serious damage to eyes.
R38- Irritating to skin.
R43- May cause sensitisation by skin contact.
R67- Vapours may cause drowsiness and dizziness.

16.6

Full text of classification [DSD/DPD]

F - Highly flammable
Carc. Cat. 3 - Carcinogen category 3
Repr. Cat. 3 - Toxic to reproduction category 3
Xn - Harmful
Xi - Irritant

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.