

SAFETY DATA SHEET



VuPlex® Plastic Cleaner, Protectant and Polish

Version: 2.1
Date of First Issue: 15.01.2016
Date of revision: 13.10.2020

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	
Product Name	VuPlex ® Plastic Cleaner, Protectant and Polish
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Cleaning agent (Consumer use)
Uses advised against	Anything other than the above. Use only with sufficient ventilation.
1.3 Details of the supplier of the Safety Data Sheet	
Supplier	VuPlex UK Ltd. 113 Kingsway London WC2B 6PP United Kingdom
Telephone	+44 808 189 0380
Fax	Not available
E-Mail (competent person)	accounts@vuplex.co (Rodger Hames)
Only representative of a non-Community manufacturer	Yordas Limited Lancaster Environment Centre Lancaster University Lancaster LA1 4YQ United Kingdom
Telephone	+44 (0) 1524 510278
E-Mail (competent person)	or100145@yordasgroup.com
1.4 Emergency telephone number	
Emergency Phone No.	+44 808 189 0380 (VuPlex Head Office) Monday - Friday 09:00 - 17:00 (GMT)
Languages spoken	English

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Flam. Aer. 2; H223 Pressurised Container 1; H229 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H336 Repr. 2; H361f Aquatic Chronic 2; H411
2.2 Label elements	According to Regulation (EC) No. 1272/2008 (CLP).
Product Name	VuPlex ® Plastic Cleaner, Protectant and Polish
Contains:	D-limonene; Naphtha (petroleum), hydrotreated light

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Hazard Pictogram(s)



Signal word(s)

WARNING

Hazard statement(s)

H223: Flammable aerosol.
H229: Pressurised container: May burst if heated.
H317: May cause an allergic skin reaction.
H336: May cause drowsiness or dizziness.
H361f: Suspected of damaging fertility.
H411: Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P261: Avoid breathing mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.
P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P405: Store locked up.
P501: Dispose of contents/container to household waste recycling centre as hazardous waste except for empty containers which can be disposed of by recycling.

Label elements according to Aerosol Dispenser Directive (ADD) (75/324/EEC)

P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251: Pressurised container - Do not pierce or burn, even after use.
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

Label elements according to Regulation 648/2004/EC on detergents

15 - <30% Aliphatic Hydrocarbons. <5% Non-ionic surfactants. <5% Perfumes, fragrances. Contains: Limonene.

2.3 Other hazards

May form explosive vapour/air mixtures.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Not applicable

3.2 Mixtures Substances in preparations / mixtures

According to Regulation (EC) No. 1272/2008 (CLP) and Regulation 648/2004/EC (Detergents)

Chemical identity of the substance	%W/W	CAS No.	EC No.	Use: Detergent	REACH Registration No.	Hazard classification
Naphtha (petroleum), hydrotreated light	<25	64742-49-0	265-151-9	Process aid	Not yet assigned in the supply chain	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Repr. 2; H361f Aquatic Chronic 2; H411
(R)-p-mentha-1,8-diene (d-limonene)	<2.5	5989-27-5	227-813-5	Perfumes, fragrances	Not yet assigned in the supply chain	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317

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						Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Dimethyl siloxane, trimethylsiloxy-terminated.	<2.5	63148-62-9	613-156-5	Non-ionic surfactants [^]	Not yet assigned in the supply chain	Not classified
Sorbitan oleate	<1	1338-43-8	215-665-4	Non-ionic surfactants [^]	Not yet assigned in the supply chain	Not classified
2-(2-butoxyethoxy)ethanol*	<0.5	112-34-5	203-961-6	Non-ionic surfactants [^]	Not yet assigned in the supply chain	Eye Irrit. 2; H319
Butyl Glycol	<0.05	111-76-2	203-905-0	Non-ionic surfactants [^]	Not yet assigned in the supply chain	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 4; H332

Note: Naphtha (petroleum), hydrotreated light Contains:

SUBSTANCE	CAS No.	EC No.
Cyclohexane*	110-82-7	203-806-2
Heptane*	142-82-5	205-563-8
Methylcyclohexane	108-87-2	203-624-3
n-Hexane*	110-54-3	203-777-6
Octane	111-65-9	111-65-9

For full text of H/P Statements see section 16. *Substance with a community exposure limit.

[^]The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

Inhalation

Eliminate sources of ignition. Wear appropriate personal protective equipment, avoid direct contact. Avoid contact with skin, eyes or clothing. Avoid inhalation of vapours.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Keep warm and at rest. Obtain immediate medical attention.

Skin Contact

IF ON SKIN: Remove contaminated clothing immediately and wash affected skin with plenty of water or soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact

IF IN EYES: If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. Remove contact lenses if worn. If symptoms develop, obtain medical attention.

Ingestion

IF SWALLOWED: Unlikely route of exposure. Do NOT induce vomiting. Rinse mouth. Keep patient at rest. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Will cause skin irritation. May cause an allergic skin reaction. Allergic eczema. Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis. May cause drowsiness or dizziness. Suspected of damaging fertility.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Seek medical treatment when anyone has symptoms apparently due to inhalation or contact with skin or eyes.

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SECTION 5: FIRE-FIGHTING MEASURES

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|--|---|
| 5.1 Extinguishing Media
Suitable Extinguishing Media | In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide. |
| Unsuitable Extinguishing Media | Do not use water jet. Direct water jet may spread the fire. |
| 5.2 Special hazards arising from the substance or mixture | Flammable aerosol. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide, Toxic gases/vapours. May form explosive mixtures with air. Contains gas under pressure; may explode if heated. Prevent liquid entering sewers, basements and any watercourses. |
| 5.3 Advice for fire-fighters | Evacuate the area. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Chemical protection suit. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Keep containers cool by spraying with water if exposed to fire. Do not allow run-off from fire fighting to enter drains or water courses. Avoid release to the environment. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

- | | |
|--|---|
| 6.1 Personal precautions, protective equipment and emergency procedures | Only trained and properly protected personnel must be involved in clean-up operations. Caution - spillages may be slippery. No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact. Avoid inhalation of vapours. Eliminate sources of ignition. Shut off leaks if without risk. In confined spaces, sewers, etc., the vapours may collect to form explosive mixtures with air. Do not use sparking tools. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. |
| 6.2 Environmental precautions | Avoid release to the environment. Do not allow to enter drains, sewers or watercourses. |
| 6.3 Methods and material for containment and cleaning up | Provided it is safe to do so, isolate the source of the leak. Use non-sparking equipment when picking up flammable spill. The vapour is heavier than air; beware of pits and confined spaces. Ensure that the equipment is adequately grounded. Ensure adequate ventilation. Allow product to evaporate. Absorb remaining liquid in sand or inert absorbent and remove to safe place. |
| 6.4 Reference to other sections | See also section 8, 13. |

SECTION 7: HANDLING AND STORAGE

- | | |
|--|--|
| 7.1 Precautions for safe handling | Obtain special instructions before use. Follow use instructions. Keep away from heat and sparks - no smoking. When using do not eat or drink. Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing vapours. Do not use in areas without adequate ventilation. Do not pierce or burn container, even after use. Do not spray on an open flame or other ignition source. |
| 7.2 Conditions for safe storage, including any incompatibilities
Storage Temperature
Storage Life | Heat and direct sunlight. Keep in a well ventilated place. Keep container closed.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
Stable at ambient temperatures. Suitable containers: Stainless steel, Mild steel |
| Incompatible materials
7.3 Specific end use(s) | Keep away from oxidising substances.
See Section: 1.2. |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 8.1 Control parameters | |
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8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Petroleum gases, liquefied	68476-85-7	1000	1750	1250	2180	WEL
2-(2-butoxyethoxy)ethanol	112-34-5	10	67.5	15	101.2	WEL, IOELV
Propane-1,2-diol, total vapour & particulates	57-55-6	150	474	-	-	WEL
Propane-1,2-diol, particulates		-	10	-	-	WEL
Butyl Glycol	111-76-2	25	123	50	246	WEL
Cyclohexane	110-82-7	100	350	300	1050	WEL
		700	200	-	-	IOELV
Heptane	142-82-5	500	2085	-	-	WEL, IOELV
n-Hexane	110-54-3	20	72	-	-	WEL, IOELV

Source: IOELV: Indicative Occupational Exposure Limit Value, WEL: Workplace Exposure Limit (UK HSE EH40)

8.1.2 Biological limit value

Substance	Biological monitoring guidance values	Sampling time
2-Bytoxyethanol	240 mmol butoxyacetic acid/mol creatinine in urine	Post shift

Source: Bmgv: Biological monitoring guidance value (UK HSE EH40)

8.1.3 PNECs and DNELs

Not applicable

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required. Use only outdoors or in a well-ventilated area. Wash hands before eating, drinking or smoking. Guarantee that the eye flushing systems and safety showers are located close to the working place.

8.2.2 Individual protection measures, such as personal protective equipment (PPE)

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier. Use skin barrier cream before handling the product.

Eye/face protection



Wear eye protection with side protection (EN166). Eyewash bottles should be available.

Skin protection (Hand protection/ Other)



Hand protection: Wear suitable gloves tested to EN374. Gloves should be changed regularly to avoid permeation problems.
Recommended: Neoprene, Nitrile rubber (breakthrough time 480 minutes)

Body protection: Wear suitable protective clothing. Wash contaminated clothing before reuse. Chemical protection suit.

Respiratory protection



Ensure adequate ventilation. Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.
Recommended: The use of a high efficiency filter (EN143) is recommended. Filter type A1

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Thermal hazards	Not applicable.
8.2.3 Environmental Exposure Controls	Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Cream Yellow Aerosol.
Odour	Spearmint odour / Lemon odour.
Odour Threshold	Not available.
pH	6.6 (solution).
Melting point/freezing point	Not available.
Initial boiling point and boiling range	88 °C (760 mm Hg - No Propellant).
Flash point	-12 °C (TCC).
Evaporation Rate	8.40 (BuOAC=1 - No Propellant).
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	22 mm Hg @ 20 °C.
Vapour density	Not available.
Relative density	0.91 kg/l
Solubility(ies)	Insoluble in water. Emulsifies in water.
Partition coefficient: n-octanol/water	Mixture: Not available. D-limonene: 4.57 2-(2-butoxyethoxy)ethanol: 0.56
Auto-ignition temperature	>230°C - No Propellant.
Decomposition Temperature	Not available.
Viscosity	Dynamic viscosity: 100cSt @ 40 °C Kinematic Viscosity: 109.9 mm ² /s @ 40 °C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2 Other information	
Percent Volatile by volume (%)	97.27

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions. Hazardous polymerisation will not occur.
10.3 Possibility of hazardous reactions	Heating will cause pressure rise with risk of bursting and subsequent explosion.
10.4 Conditions to avoid	Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition.
10.5 Incompatible materials	Keep away from strong oxidizing substances.
10.6 Hazardous Decomposition Product(s)	Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide, Toxic gases/vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute toxicity	
Oral	Mixture: Based on available data, the classification criteria are not met.
Dermal	Mixture: Based on available data, the classification criteria are not met.
Inhalation	Mixture: Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Mixture: Skin Irrit. 2; Causes serious eye irritation.
Naphtha (petroleum), hydrotreated light	Skin Irrit. 2; H315
	Irritating to skin. (rabbit) (OECD 404)

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	(R)-p-mentha-1,8-diene (d-limonene)	Skin Irrit. 2; H315 Harmonised Classification Not irritating to skin (rabbit) (OECD 404)
Serious eye damage/irritation		Mixture: Based on available data, the classification criteria are not met.
Respiratory or skin sensitization		Mixture: Skin Sens. 1; May cause an allergic skin reaction.
	(R)-p-mentha-1,8-diene (d-limonene)	Skin Sens. 1; H317 Sensitisation (guinea pig) - Positive (OCED 429)
Germ cell mutagenicity		Mixture: Based on available data, the classification criteria are not met.
Carcinogenicity		Mixture: Based on available data, the classification criteria are not met.
Reproductive toxicity		Mixture: Repr. 2; Suspected of damaging fertility.
	Naphtha (petroleum), hydrotreated light	Repr. 2; H361f Reproductive toxicity: Read across: NOAEL (mg/m ³) > 20000 (OECD 416) Developmental Toxicity: Read across: NOAEL (mg/kg bw/day): 500 (OCED 414)
	Butyl Glycol	Repr. 2; H361f Reproductive toxicity: No data Developmental Toxicity: NOAEL (mg/kg bw/day): 250 (OCED 414)
STOT - single exposure		Mixture: STOT SE 3; May cause drowsiness or dizziness.
	Naphtha (petroleum), hydrotreated light	STOT SE 3; H336 LC50 (inhalation, rat) mg//4h: >5610 (OECD 403)
STOT - repeated exposure		Mixture: Based on available data, the classification criteria are not met.
Aspiration hazard		Mixture: Based on available data, the classification criteria are not met. Kinematic Viscosity: 109.9 mm ² /s @ 40 °C (Mixture)
11.2 Other information		None.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity		Aquatic Chronic 2;; Toxic to aquatic life with long lasting effects. Estimated LC50 (fish) mg/l >1 ≥ 10.
	Naphtha (petroleum), hydrotreated light	Aquatic Chronic 2;; H411 Chronic Toxicity: EL50 (Daphnia magna) mg/l: 10 (21 days) (OCED 211)
	(R)-p-mentha-1,8-diene (d-limonene)	Aquatic Acute 1; H400 Acute Toxicity: LC50 (Fathead minnow) mg/l: <1 (96 hour) (OECD 203) Aquatic Chronic 1; H410 Chronic Toxicity: LC50 (Fathead minnow) mg/l: 0.41 (8 days) (OECD 212)
12.2 Persistence and degradability	Regulation 648/2004/EC (Detergents)	No data for the mixture as a whole. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
	Naphtha (petroleum), hydrotreated light	Inherently biodegradable, fulfilling criteria. 96% at 28 days.
	Petroleum gases, liquefied	Readily biodegradable (according to OECD criteria).
	(R)-p-mentha-1,8-diene (d-limonene)	Readily biodegradable (according to OECD criteria).
	Butyl Glycol	Readily biodegradable (according to OECD criteria). 81% at 28 days.
12.3 Bioaccumulative potential		The product has no potential for bioaccumulation.
	Naphtha (petroleum), hydrotreated light	Substance is complex UVCB. No data.
	Petroleum gases, liquefied	Substance is complex UVCB. No data.
	(R)-p-mentha-1,8-diene (d-limonene)	QSAR: Bioconcentration factor (BCF) : 864.8 l/kg
	Butyl Glycol	No data
12.4 Mobility in soil		The product is essentially insoluble in water.
	Naphtha (petroleum), hydrotreated light	Substance is complex UVCB. No data.
	Petroleum gases, liquefied	Substance is complex UVCB. No data.
	(R)-p-mentha-1,8-diene (d-limonene)	QSAR: Koc: 6324 l/kg
	Butyl Glycol	Koc: 4.553 l/kg
12.5 Results of PBT and vPvB assessment		None of the substances in this product fulfil the criteria for being regarded as a PBT or vPvB substance.

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12.6 Other adverse effects None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 **Waste treatment methods** Dispose of this material and its container as hazardous waste. Do not dispose of with household waste, trash or other solid waste. Do not pierce or burn container, even after use.

13.2 **Additional Information** Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number	1950	1950	1950
14.2 UN Proper Shipping Name	AEROSOLS, flammable	AEROSOLS, flammable	AEROSOLS, flammable
14.3 Transport hazard class(es)	2.1	2.1	2.1
14.4 Packing Group	-	-	-
14.5 Environmental hazards	Environmentally hazardous substance	Marine Pollutant	Environmentally hazardous substance
14.6 Special precautions for user	See Section: 2		
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.		
14.8 Additional Information	-		
Special Provisions	190 327 344 625		
Limited Quantity	1 L		
Tunnel Restriction Code	2 (D)		
Hazard Identification Number	-		

SECTION 15: REGULATORY INFORMATION

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

15.1.1 **EU regulations**
REACH Annex XVII (Restrictions)

Substance(s) of Very High Concern (SVHCs)

15.1.2 **National regulations**
Wassergefährdungsklasse (Germany)

15.2 **Chemical Safety Assessment**

Naphtha (petroleum), hydrotreated light, Petroleum gases, liquefied: Entry 28: Restriction on supply of substances and mixtures to the general public, if classified as Carc. 1A or 1B. (Exemptions apply) Entry 29: Restriction on supply of substances and mixtures to the general public, if classified as Muta. 1A or 1B (Exemptions apply).
Petroleum gases, liquefied, (R)-p-mentha-1,8-diene (d-limonene): Entry 40: Restricted in aerosol dispensers intended for supply to the general public for entertainment and decorative purposes.
2-(2-butoxyethoxy)ethanol: Entry 55: Restricted as a constituent if > 3% w/w spray paints or cleaners in aerosol dispensers for the general public.
No components of the mixture are listed

Water hazard class: 2 (Self classification).
A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Update version and date. Updated E-mail

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.

References:

Existing Safety Data Sheets (SDSs).

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Existing ECHA registration(s) for Petroleum gases, liquefied (CAS No. 68476-85-7); D-limonene (CAS No. 5989-27-5); Naphtha (petroleum), hydrotreated light (CAS No. 64742-49-0); 2-(2-butoxyethoxy)ethanol (CAS No. 112-34-5); Butyl Glycol (CAS No. 7397-62-8).

Harmonised Classification(s) for Petroleum gases, liquefied (CAS No. 68476-85-7); D-limonene (CAS No. 5989-27-5); 2-(2-butoxyethoxy)ethanol (CAS No. 112-34-5).

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Flam. Aer. 2; H223	On basis of test data
Pressurised Container 1; H229	On basis of test data
Skin Sens. 1; H317	Threshold Calculation
STOT SE 3; H336	Threshold Calculation
Repr. 2; H361f	Threshold Calculation
Aquatic Chronic 2; H411	Summation Calculation

LEGEND

DNEL: Derived No Effect Level

LTEL: Long Term Exposure Limit

NOEC: No Observed Effect Concentration

OECD: Organisation for Economic Cooperation and Development

EL50: Loading rate of test substance (in dilution water) which causes adverse effects in 50% of exposed population

PBT: Persistent, Bioaccumulative and Toxic

PNEC: Predicted No Effect Concentration

STEL: Short Term Exposure Limit

vPvB: very Persistent and very Bioaccumulative

Hazard Class / Classification code:

Flam. Gas 1, Flammable gas, Category 1

Flam. Aer. 1, Flammable aerosol, Category 1

Flam. Aer. 2, Flammable aerosol, Category 2

Flam. Liq. 2, Flammable liquid, Category 2

Flam. Liq. 3, Flammable liquid, Category 3

Press. Gas, Pressurised container: May burst if heated.

Asp. Tox. 1, Aspiration Toxicity, Category 1

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

Skin Sens. 1, Skin sensitization, Category 1

Eye Dam. 1, Serious eye damage/irritation, Category 1

Eye Irrit. 2, Serious eye damage/irritation, Category 2

STOT SE 3, Specific target organ toxicity — single exposure, Category 3

Repr. 2, Reproductive toxicity, Category 2

Aquatic Acute 1, Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 1, Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 2, Hazardous to the aquatic environment, Chronic, Category 2

Hazard Statement(s)

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H223: Flammable aerosol.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H361f: Suspected of damaging fertility.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. VUPLEX UK LTD gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. VUPLEX UK LTD accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.