SAFETY DATA SHEET
Morleys JM006 Contact Adhesive

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

1.1. Product identifier

Product name: Morleys JM006 Contact Adhesive

Product No.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: High Heat Resistance Contact Adhesive.

1.3. Details of the supplier of the safety data sheet

Supplier

Morleys Adhesives (2013) Ltd
Unit 20, Higher Walton Mill
Higher Walton
Preston
PR5 4DJ

Tel: 01772 626 700
Fax: 01772 627 372

1.4. Emergency telephone number

44 (0) 01772 626 700 (Available 09.00 to 17.00)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC): Xn;R48/20. Repr. Cat. 3;R63. Xi;R38. F;R11. R52/53, R67.

Human health

Contains a substance/a group of substances which may cause harm to the unborn child.

Environment

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

Physical and Chemical Hazards

The product is highly flammable, and explosive vapours/air mixtures may be formed even at normal room temperatures.

2.2. Label elements

Contains: TOLUENE

Labelling

Harmful

Highly flammable

Risk Phrases

R11	Highly flammable
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.
R67	Vapours may cause drowsiness and dizziness.

Safety Phrases

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S24	Avoid contact with skin.

S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

TOLUENE		30-60%
CAS-No.: 108-88-3	EC No.: 203-625-9	Registration Number: 01-2119471310-51

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 2 - H225	F;R11
Skin Irrit. 2 - H315	Repr. Cat. 3;R63
Repr. 2 - H361d	Xn;R48/20,R65
STOT SE 3 - H336	Xi;R38
STOT RE 2 - H373	R67
Asp. Tox. 1 - H304	

Hydrocarbons,C6-C7,n-alkanes,isoalkanes,cyclics,<5%n-hexane		10-30%
CAS-No.:	EC No.: 921-024-6	Registration Number: 01-2119475514-35

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 2 - H225	Xn;R65.
Skin Irrit. 2 - H315	Xi;R38.
STOT SE 3 - H336	F;R11.
Asp. Tox. 1 - H304	N;R51/53.
Aquatic Chronic 2 - H411	R67.

ETHYL ACETATE		5-10%
CAS-No.: 141-78-6	EC No.: 205-500-4	Registration Number: 01-2119475103-46

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 2 - H225	F;R11
EUH066	Xi;R36
Eye Irrit. 2 - H319	R66
STOT SE 3 - H336	R67

Hydrocarbons,C6 isoalkanes< 5% n-hexane		5-10%
CAS-No.:	EC No.: 931-254-9	Registration Number: 01-2119475514-35

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 2 - H225	Xn;R65.
Skin Irrit. 2 - H315	Xi;R38.
STOT SE 3 - H336	F;R11.
Asp. Tox. 1 - H304	N;R51/53.
Aquatic Chronic 2 - H411	R67.

PARATERTIARYBUTYLPHENOL		<1%
CAS-No.: 98-54-4	EC No.: 202-679-0	

Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Repr. 2 - H361f STOT SE 3 - H335 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Repr. Cat. 3;R62. Xi;R37/38,R41. N;R51/53.

XYLENE		<1%
CAS-No.: 1330-20-7	EC No.: 215-535-7	Registration Number: 01-2119488216-32

Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315	Classification (67/548/EEC) R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

Polychloroprene based adhesive in petroleum solvent

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Move the exposed person to fresh air at once. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Keep the affected person warm and at rest. Get prompt medical attention.

Inhalation

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. In case of inhalation of spray mist: Move person into fresh air and keep at rest. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100 ml for an adult person): Take to hospital along with these instructions.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact

No recommendation given, but first aid may still be required in case of accidental exposure of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

4.2. Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation.

Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

May cause stomach pain or vomiting.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritating and may cause redness and pain.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Fire creates: Irritating gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2). Hydrogen chloride (HCl).

Unusual Fire & Explosion Hazards

May form explosive mixture with air at very high concentration. Vapours are heavier than air and may spread near ground to sources of ignition.

Specific hazards

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Ventilate closed spaces before entering them. NOTE! Use air-supplied respirators to protect against gases\fumes. Cool containers exposed to flames with water until well after the fire is out.

Protective equipment for fire-fighters

Wear full protective clothing. Use air-supplied respirator during fire fighting. Face mask, protective gloves and safety helmet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. Use protective gloves, goggles and suitable protective clothing.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb with sand or other inert absorbent.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid inhalation of vapours/spray and contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage Class

Flammable liquid storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ETHYL ACETATE	WEL	200 ppm		400 ppm		
FORMALDEHYDE ...%	WEL	2 ppm	2.5 mg/m3	2 ppm	2.5 mg/m3	
TOLUENE		50	191	100	384	
XYLENE	WEL	50 ppm	220 mg/m3	100 ppm	441 mg/m3	

WEL = Workplace Exposure Limit.

TOLUENE (CAS: 108-88-3)

DNEL				
Consumer	Oral	Long Term	Systemic Effects	8.13 mg/m3
Industry	Dermal	Long Term	Systemic Effects	384 mg/kg/day
Consumer	Inhalation.	Short Term	Local Effects	226 mg/m3
Consumer	Inhalation.	Short Term	Systemic Effects	226 mg/m3
Industry	Inhalation.	Short Term	Systemic Effects	384 mg/m3
Industry	Inhalation.	Short Term	Local Effects	384 mg/m3
Industry	Inhalation.	Long Term	Local Effects	192 mg/m3
Consumer	Inhalation.	Long Term	Systemic Effects	56.5 mg/m3
Industry	Inhalation.	Long Term	Systemic Effects	192 mg/m3
PNEC				
Industry	Freshwater	0.68	mg/l	
Industry	Sediment (Freshwater)	16.39	mg/kg	
Industry	STP	13.61	mg/l	
Industry	Soil	2.89	mg/kg	

XYLENE (CAS: 1330-20-7)

Ingredient Comments

WEL = Workplace Exposure Limits

DNEL				
Consumer	Dermal	Long Term	Systemic Effects	108 mg/kg/day
Industry	Dermal	Long Term	Systemic Effects	180 mg/kg/day
Consumer	Inhalation.	Short Term	Local Effects	174 mg/m3
Consumer	Inhalation.	Short Term	Systemic Effects	174 mg/m3
Industry	Inhalation.	Short Term	Systemic Effects	289 mg/m3
Industry	Inhalation.	Short Term	Local Effects	289 mg/m3
Consumer	Inhalation.	Long Term	Systemic Effects	14.8 mg/m3
Industry	Inhalation.	Long Term	Systemic Effects	77 mg/m3

ETHYL ACETATE (CAS: 141-78-6)

DNEL				
Industry	Inhalation.	Short Term	Systemic Effects	1468 mg/m3
Industry	Inhalation.	Short Term	Local Effects	1468 mg/m3
Consumer	Inhalation.	Short Term	Systemic Effects	734 mg/m3
Consumer	Inhalation.	Short Term	Local Effects	374 mg/m3
Industry	Inhalation.	Long Term	Local Effects	734 mg/m3
Industry	Dermal	Long Term	Systemic Effects	63 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	734 mg/m3
Consumer	Dermal	Long Term	Systemic Effects	37 mg/m3
Consumer	Inhalation.	Long Term	Systemic Effects	367 mg/m3
PNEC				
Industry	Freshwater	Long Term	0.26 mg/l	
Industry	Marinewater	Long Term	0.026 mg/l	
Industry	Intermittent release	Intermittent release	1.65 mg/l	
Industry	Sediment (Freshwater)	Long Term	1.25 mg/kg	
Industry	Sediment (Marinewater)	Long Term	0.125 mg/kg	
Industry	Soil	Long Term	0.24 mg/kg	
Industry	STP	Long Term	650 mg/l	
Sediment (Freshwater)	Short Term	0.34	mg/kg	
Sediment (Marinewater)	Short Term	0.034	mg/kg	

Hydrocarbons,C6 isoalkanes< 5% n-hexane

Ingredient Comments

No exposure limits noted for ingredient(s).

DNEL				
Industry	Dermal	Long Term	Systemic Effects	13, 964 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	5, 306 mg/m3
Consumer	Dermal	Long Term	Systemic Effects	1, 377 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	1, 137 mg/m3

Hydrocarbons,C6-C7,n-alkanes,isoalkanes,cyclics,<5%n-hexane

DNEL				
Consumer	Oral	Long Term	Systemic Effects	699 mg/kg/day
Industry	Oral	Long Term	Systemic Effects	2035 mg/kg/day
Consumer	Dermal	Long Term	Systemic Effects	699 mg/kg/day
Dermal	Long Term	Systemic Effects	773	mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	608 mg/m3

8.2. Exposure controls

Protective equipment

  

Process conditions

Use engineering controls to reduce air contamination to permissible exposure level.

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. Provide explosion proof ventilation for high concentrations.

Respiratory equipment

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3).

Hand protection

Use protective gloves made of: Nitrile.

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

Wash promptly with soap & water if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber.
Odour	of solvents
Relative density	0.88 20
Viscosity	5, 500- - 6, 500 cps
Flash point	-8 CC (Closed cup).
Flammability Limit - Lower(%)	0.9
Flammability Limit - Upper(%)	11.5

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not applicable.

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Fire creates: Flammable gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2). Hydrogen chloride (HCl).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Harmful: danger of serious damage to health by prolonged exposure through inhalation. Vapours may cause drowsiness and dizziness.

Skin contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to skin.

Route of entry

Inhalation. Skin absorption.

Specific effects

Contains a substance/a group of substances which may cause harm to the unborn child.

Toxicological information on ingredients.

TOLUENE (CAS: 108-88-3)

Toxic Dose 1 - LD 50

> 2000 mg/kg (oral rat)

Toxic Dose 2 - LD 50

> 2000 mg/kg (oral-rbt)

Toxic Conc. - LC 50

> 20 ppm/4h (inh-rat)

XYLENE (CAS: 1330-20-7)

Acute toxicity:

Acute Toxicity (Oral LD50)

8700 mg/kg Rat

Acute Toxicity (Dermal LD50)

2700 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

6350 mg/l (vapours) Rat 4 hours

ETHYL ACETATE (CAS: 141-78-6)

Acute toxicity:

Acute Toxicity (Oral LD50)

5600 mg/kg Rat

Acute Toxicity (Dermal LD50)

18000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

40.7 mg/l (vapours) Rat 4 hours

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 900 mg/kg Inhalation.

PARATERTIARYBUTYLPHENOL (CAS: 98-54-4)

Acute toxicity:

Acute Toxicity (Oral LD50)

5660 mg/kg Rat

Acute Toxicity (Dermal LD50)

2520 mg/kg Rabbit

Hydrocarbons,C6-C7,n-alkanes,isoalkanes,cyclics,<5%n-hexane

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

Ecological information on ingredients.

TOLUENE (CAS: 108-88-3)

Acute Toxicity - Fish

LC50 96 hours 13 mg/l Carassius auratus (Goldfish)

LC50 96 hours 24 mg/l Onchorhynchus mykiss (Rainbow trout)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 11.5 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

IC50 72 hours 12 mg/l Selenastrum capricornutum

Acute Toxicity - Microorganisms

NOEC 29 mg/l Activated sludge

XYLENE (CAS: 1330-20-7)

Acute Toxicity - Fish

LC50 96 hours 13.4 mg/l Pimephales promelas (Fat-head Minnow)

LC50 96 hours < 11.9 mg/l Onchorhynchus mykiss (Rainbow trout)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 81 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 48 hours 110 mg/l Freshwater algae

Acute Toxicity - Microorganisms

EC50 48 hours 1000 mg/l Activated sludge

ETHYL ACETATE (CAS: 141-78-6)

Acute Toxicity - Fish

LC50 96 hours 230 mg/l Pimephales promelas (Fat-head Minnow)

NOEC 192 hours > 9.65 mg/l Pimephales promelas (Fat-head Minnow)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 717 mg/l Daphnia magna

NOEC 192 hours 2.4 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 48 hours 3, 300 mg/l Freshwater algae

PARATERTIARYBUTYLPHENOL (CAS: 98-54-4)

Acute Toxicity - Fish

LC50 96 hours > 4.71 mg/l Pimephales promelas (Fat-head Minnow)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours > 3.5 mg/l Daphnia magna

12.2. Persistence and degradability

Degradability

The product is expected to be slowly biodegradable.

Ecological information on ingredients.

TOLUENE (CAS: 108-88-3)

Degradability

The product is easily biodegradable.

Biodegradation

Degradation (86%) 20 days

readily biodegradable

Biological Oxygen Demand

1.23 g O2/g substance

XYLENE (CAS: 1330-20-7)

Biodegradation

Air. Degradation (60%) > 28 days

readily biodegradable

ETHYL ACETATE (CAS: 141-78-6)

Degradability

The product is easily biodegradable.

Biodegradation

Degradation (79%) 20 days

readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients.

TOLUENE (CAS: 108-88-3)

Bioaccumulative potential

The product is not bioaccumulating.

Bioaccumulation factor

BCF 90

ETHYL ACETATE (CAS: 141-78-6)

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

Bioaccumulation factor

BCF 30 Leuciscus idus (Golden orfe)

readily biodegradable

Partition coefficient

log Pow 0.73

12.4. Mobility in soil

Mobility:

The product contains volatile substances, which may spread in the atmosphere.

Ecological information on ingredients.

TOLUENE (CAS: 108-88-3)

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

ETHYL ACETATE (CAS: 141-78-6)

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

Adsorption/Desorption Coefficient

Soil Koc 1.43 25

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients.

TOLUENE (CAS: 108-88-3)

This product does not contain any PBT or vPvB substances.

XYLENE (CAS: 1330-20-7)

This product does not contain any PBT or vPvB substances.

ETHYL ACETATE (CAS: 141-78-6)

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN)	1133
UN No. (IMDG)	1133
UN No. (ICAO)	1133

14.2. UN proper shipping name

Proper Shipping Name	ADHESIVES

14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3

Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

EMS	F-E, S-D
Emergency Action Code	•3YE
Hazard No. (ADR)	33

Tunnel Restriction Code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Environmental Listing

Control of Pollution Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

System of specific information relating to Dangerous Preparations. 2001/58/EC.

National Regulations

Control of Substances Hazardous to Health Regulations 2002 (as amended)

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ADR : European Agreement concerning the International Transport of Dangerous Goods by Road RID : Regulations Concerning the International Transport of Dangerous Goods by Rail IMDG : International Maritime Code for Dangerous Goods IATA : International Air Transport Association ICAO : International Civil Aviation Organization GHS : Globally Harmonized System of Classification and Labelling of Chemicals EINECS : European Inventory of Existing Commercial Chemical Substances CAS : Chemical Abstracts Service DNEL ; Derived No Effect Level (REACH) PNEC : Predicted No Effect Concentration (REACH) LC50 : Lethal Concentration 50 percent LD50 : Lethal Dose 50 percent

Information Sources

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 01/11/2017

Revision 02

Risk Phrases In Full

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable
R36	Irritating to eyes.
R37/38	Irritating to respiratory system and skin.
R38	Irritating to skin.
R63	Possible risk of harm to the unborn child.
R62	Possible risk of impaired fertility.
R66	Repeated exposure may cause skin dryness or cracking.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

Hazard Statements In Full

EUH066	Repeated exposure may cause skin dryness or cracking.
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.