



## SAFETY DATA SHEET 355 ADHESIVE

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

#### 1.1. Product identifier

**Product name** 355 ADHESIVE

**Synonyms; trade names**

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

**Identified uses** Adhesive.

**Uses advised against** No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** Caswell and Company Limited  
6 Princewood Road  
Earlstrees Industrial Estate  
Corby, Northants NN17 4AP  
+44 (0) 1536 464800  
+44 (0) 1536 464801  
info@caswell-adhesives.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** In case of emergency telephone: +44 (0)1536 464800. Office hours: Mon - Thur 9am - 5pm, Fri 9am - 2pm

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

**Physical hazards** Flam. Liq. 2 - H225

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336

**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412

**Classification (67/548/EEC or 1999/45/EC)** Xi;R36/38. F;R11. N;R50/53. R67.

**Human health** Vapours and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Irritating to skin. Product has a defatting effect on skin.

**Physicochemical** The product is highly flammable. Vapours may form explosive mixtures with air.

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### 2.2. Label elements

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H225 Highly flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H400 Very toxic to aquatic life.  
 H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P271 Use only outdoors or in a well-ventilated area.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P501 Dispose of contents/container in accordance with national regulations.

#### Contains

CYCLOHEXANE, ETHYL ACETATE, ACETONE, Hydrocarbons,C6-C7, n-alanes,isoalkanes,cyclics,<5%n-hexane, Hydrocarbons,C6 isoalkanes <5% n-hexane

#### Supplementary precautionary statements

P240 Ground/bond container and receiving equipment.  
 P241 Use explosion-proof electrical equipment.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 P261 Avoid breathing vapour/spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P321 Specific treatment (see medical advice on this label).  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
 P391 Collect spillage.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.

### 2.3. Other hazards

No further information on other hazards available

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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

<b>CYCLOHEXANE</b>		<b>30-60%</b>
CAS number: 110-82-7	EC number: 203-806-2	
M factor (Acute) = 1		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	F;R11 Xn;R65 Xi;R38 R67 N;R50/53	
Skin Irrit. 2 - H315		
STOT SE 3 - H336		
Asp. Tox. 1 - H304		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		
<b>ETHYL ACETATE</b>		<b>10-30%</b>
CAS number: 141-78-6	EC number: 205-500-4	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	F;R11 Xi;R36 R66 R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
<b>ACETONE</b>		<b>5-10%</b>
CAS number: 67-64-1	EC number: 200-662-2	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	F;R11 Xi;R36 R66 R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
<b>Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,&lt;5%n-hexane</b>		<b>1-5%</b>
CAS number: —	EC number: 921-024-6	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
Skin Irrit. 2 - H315		
Asp. Tox. 1 - H304		
STOT SE 3 - H336		
Aquatic Chronic 2 - H411		

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<b>Hydrocarbons,C6 isoalkanes &lt;5% n-hexane</b>		<b>1-5%</b>
CAS number: —		EC number: 931-254-9
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
Skin Irrit. 2 - H315		
Asp. Tox. 1 - H304		
STOT SE 3 - H336		
Aquatic Chronic 2 - H411		
<b>ZINC OXIDE</b>		<b>&lt;1%</b>
CAS number: 1314-13-2		EC number: 215-222-5
M factor (Acute) = 1		M factor (Chronic) = 1
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Aquatic Acute 1 - H400	N;R50/53	
Aquatic Chronic 1 - H410		
<b>ROSIN</b>		<b>&lt;1%</b>
CAS number: 8050-09-7		EC number: 232-475-7
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Skin Sens. 1 - H317	R43	

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Remove contaminated clothing and rinse skin thoroughly with water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	Vapours may cause drowsiness and dizziness.
<b>Ingestion</b>	Harmful: may cause lung damage if swallowed.
<b>Skin contact</b>	Irritating to skin.
<b>Eye contact</b>	Irritating to eyes.

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

**Notes for the doctor**                      Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

**Suitable extinguishing media**      Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media**      Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards**                      Solvent vapours may form explosive mixtures with air. The product is highly flammable.

**Hazardous combustion products**      Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

#### 5.3. Advice for firefighters

**Protective actions during firefighting**      Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

**Special protective equipment for firefighters**      Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate. Take precautionary measures against static discharges. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

#### 6.2. Environmental precautions

**Environmental precautions**      Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**                      Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. Dispose as hazardous Waste.

#### 6.4. Reference to other sections

**Reference to other sections**      For personal protection, see Section 8. For waste disposal, see Section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Usage precautions

Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Take precautions against static discharges. All transfer equipment must be explosion proof. Do not eat, drink or smoke when using the product. Do not use in confined spaces without adequate ventilation and/or respirator. Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of vapours and spray/mists.

##### Advice on general occupational hygiene

Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Storage precautions

Do not store near heat sources or expose to high temperatures. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

##### Storage class

Flammable liquid storage.

#### 7.3. Specific end use(s)

##### 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

##### Occupational exposure limits

##### CYCLOHEXANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 300 ppm 1050 mg/m<sup>3</sup>

##### ETHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 200 ppm

Short-term exposure limit (15-minute): WEL 400 ppm

##### ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### ETHYL ACETATE (CAS: 141-78-6)

##### DNEL

Consumer - Oral; Long term systemic effects: 4.5 mg/kg  
 Consumer - Dermal; Long term systemic effects: 37 mg/kg  
 Workers - Dermal; Long term systemic effects: 63 mg/kg  
 Consumer - Inhalation; Short term local effects: 734 mg/m<sup>3</sup>  
 Consumer - Inhalation; Short term systemic effects: 734 mg/m<sup>3</sup>  
 Workers - Inhalation; Short term systemic effects: 1468 mg/m<sup>3</sup>  
 Workers - Inhalation; Short term local effects: 1468 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term local effects: 367 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term local effects: 734 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term systemic effects: 367 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 734 mg/m<sup>3</sup>

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### ACETONE (CAS: 67-64-1)

**DNEL**                      Workers - Dermal; Long term systemic effects: 186 mg/kg/day  
 Workers - Inhalation; Short term local effects: 2420 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 1210 mg/m<sup>3</sup>

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

**DNEL**                      Consumer - Oral; Long term systemic effects: 699 mg/kg/day  
 Workers - Oral; Long term systemic effects: 2035 mg/kg/day  
 Consumer - Dermal; Long term systemic effects: 699 mg/kg/day  
 Workers - Dermal; Long term systemic effects: 773 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 608 mg/m<sup>3</sup>

### Hydrocarbons,C6 isoalkanes <5% n-hexane

**DNEL**                      Consumer - Oral; Long term systemic effects: 1301 mg/kg/day  
 Consumer - Dermal; Long term systemic effects: 1377 mg/kg/day  
 Workers - Dermal; Long term systemic effects: 13964 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 1131 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 5306 mg/m<sup>3</sup>

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

### Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station and safety shower.

### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Amber.
<b>Odour</b>	Fruity.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not determined.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	55°C @
<b>Flash point</b>	Estimated value. -18°C

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<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	~ 0.85 -0.89 @ 20°C
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Insoluble in water. Soluble in the following materials: Hydrocarbons. Organic solvents.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	540°C
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	2800 - 3000cPs @20 @ °C

### 9.2. Other information

<b>Other information</b>	No further relevant information available
<b>Volatility</b>	Volatile.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	No hazardous reactions if stored and handled as prescribed.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	Toxicological studies on the product are not available. Please find below any toxicological data available to us for the hazardous components.
<b>General information</b>	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
<b>Inhalation</b>	Vapours may cause drowsiness and dizziness.
<b>Ingestion</b>	Irritating. Symptoms following overexposure may include the following: Nausea, vomiting. Stomach pain.
<b>Skin contact</b>	Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain. A single exposure may cause the following adverse effects: Corneal damage.

#### Toxicological information on ingredients.

#### CYCLOHEXANE

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 12705 mg/kg, Oral, Rat

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Dermal, Rabbit

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LC50/4h 34000 mg/l, Inhalation, Rat

##### Skin corrosion/irritation

**Animal data** rabbit Not irritating.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Rabbit Slightly irritating.

##### Respiratory sensitisation

**Respiratory sensitisation** No information available.

##### Skin sensitisation

**Skin sensitisation** No information available.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** No information available.

##### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

##### Reproductive toxicity

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**Reproductive toxicity - fertility** No information available.

**Aspiration hazard**

**Aspiration hazard** May be fatal if swallowed and enters airways.

**ETHYL ACETATE****Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 4,100.0

**Species** Mouse

**ATE oral (mg/kg)** 4,100.0

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,001.0

**Species** Rabbit

**Acute toxicity - inhalation**

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 30.0

**Species** Rat

**ATE inhalation (vapours mg/l)** 30.0

**Skin corrosion/irritation**

**Animal data** Not irritating.

**Serious eye damage/irritation**

**Serious eye damage/irritation** Irritating to eyes

**Respiratory sensitisation**

**Respiratory sensitisation** Not sensitising.

**ACETONE****Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,800.0

**Species** Rat

**ATE oral (mg/kg)** 5,800.0

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 7,400.0

**Species** Rabbit

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ATE dermal (mg/kg) 7,400.0

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

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >2000 mg/kg, Dermal, Rabbit

### Hydrocarbons,C6 isoalkanes <5% n-hexane

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >2000 mg/kg, Dermal, Rat

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) LC50/4h >20 mg/l, Inhalation, Rat

## SECTION 12: Ecological Information

**Ecotoxicity** Ecotoxicological studies are not available for the product.  
Do not allow to escape into waterways, wastewater or soil.  
Please find below the ecotoxicological data available to us for the components.

### 12.1. Toxicity

#### Ecological information on ingredients.

#### CYCLOHEXANE

Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 4.53 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 0.9 mg/l, Daphnia magna  
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 3.4 mg/l, Pseudokirchneriella subcapitata  
OECD Guideline 201 (Alga, Growth Inhibition Test)

Chronic aquatic toxicity

NOEC 0.01 < NOEC ≤ 0.1

Degradability Rapidly degradable

#### ETHYL ACETATE

**Acute toxicity - fish** NOEC, 32 days: >9.65 mg/l, Fish  
LC<sub>50</sub>, 96 hours: 230 mg/l,

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**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 610 mg/l, Daphnia magna  
NOEC, 21 days: 2.4 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 48 hours: 5600 mg/l, Algae

**ACETONE**

**Acute toxicity - fish** LC<sub>50</sub>, : >100 mg/l, Fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, : 8800 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** LC<sub>50</sub>, : >100 mg/l, Algae

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

**Acute toxicity - fish** LC<sub>50</sub>, : 1-10 mg/l, Fish  
NOEC, : 1-10 mg/l, Fish

**Acute toxicity - aquatic plants** LC<sub>50</sub>, : 10-100 mg/l, Algae

**Acute toxicity - microorganisms** LC<sub>50</sub>, : 1-10 mg/l, Activated sludge  
NOEC, : 0.1-1 mg/l, Activated sludge

**Hydrocarbons,C6 isoalkanes <5% n-hexane**

**Acute toxicity - fish** LC<sub>50</sub>, : 10-100 mg/l, Fish  
NOEC, : 1-10 mg/l, Fish

**Acute toxicity - aquatic plants** LC<sub>50</sub>, : 10-100 mg/l, Algae

**Acute toxicity - microorganisms** NOEC, : 1-10 mg/l, Activated sludge

**12.2. Persistence and degradability**

**Persistence and degradability** There are no data on the degradability of this product.

**Ecological information on ingredients.****CYCLOHEXANE**

**Persistence and degradability** The product is readily biodegradable.

**ETHYL ACETATE**

**Persistence and degradability** The product is readily biodegradable. No data available.

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

**Persistence and degradability** The product is readily biodegradable.

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### 12.3. Bioaccumulative potential

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

**Partition coefficient** Not determined.

#### Ecological information on ingredients.

#### CYCLOHEXANE

**Bioaccumulative potential** Not available.

**Partition coefficient** log Pow: 3.44

#### ETHYL ACETATE

**Bioaccumulative potential** BCF: 30, Leuciscus idus (Golden orfe)

**Partition coefficient** log Pow: 4.8

### 12.4. Mobility in soil

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

### 12.5. Results of PBT and vPvB assessment

#### Ecological information on ingredients.

#### CYCLOHEXANE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### ETHYL ACETATE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

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

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### Hydrocarbons,C6 isoalkanes <5% n-hexane

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

#### Ecological information on ingredients.

#### CYCLOHEXANE

**Other adverse effects** Very toxic to aquatic life.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>General information</b>	Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
<b>Waste class</b>	Hazardous waste

### SECTION 14: Transport information

#### 14.1. UN number

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

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ADHESIVES
Proper shipping name (IMDG)	ADHESIVES
Proper shipping name (ICAO)	ADHESIVES
Proper shipping name (ADN)	ADHESIVES

#### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID subsidiary risk	
ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	
ICAO class/division	3
ICAO subsidiary risk	
Transport labels	

#### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	II
ICAO packing group	III

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



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### 14.6. Special precautions for user

<b>EmS</b>	F-E, S-D
<b>Emergency Action Code</b>	3Y
<b>Hazard Identification Number (ADR/RID)</b>	30

### 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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>Guidance</b>	Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

#### SECTION 16: Other information

<b>Revision date</b>	20/05/2015
<b>Revision</b>	6
<b>SDS number</b>	10608
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R11 Highly flammable. R12 Extremely flammable. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R43 May cause sensitisation by skin contact. R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R62 Possible risk of impaired fertility. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. 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. H412 Harmful to aquatic life with long lasting effects.

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