

**Safety Data Sheet  
according to WHS Regulations**

Printing date 22.10.2018

Version number 9

Revision: 22.10.2018

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Hazardous according to criteria of Australian Safety and Compensation Council.

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**\* 1 Identification**

· **Product identifier** Covalence S1301-M Part B

· **Trade name:** Covalence S1301-M Part B

· **Relevant identified uses of the substance or mixture and uses advised against**

· **Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Product category** PC9a Coatings and paints, thinners, paint removers

· **Process category**

PROC10 Roller application or brushing

PROC11 Non industrial spraying

· **Environmental release category** ERC8f Widespread use leading to inclusion into/onto article (outdoor)

· **Application of the substance / the mixture** Epoxy curing agent

· **Uses advised against** -

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:** Seal For Life Industries - Covalence™

· **Contact details:**

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· **Importer / Distributor:**

Australian Distributor: Crest Coatings (Australia) Pty. Ltd., 13 Newmarket Lane, Epping, Vic 3076  
Ph: +61 3 9945 2700, Fax: +61 3 9945 2799, [www.crestcoatings.com.au](http://www.crestcoatings.com.au)  
24h/24h: Mob 0406 434 610, Alt Mob. 0412 236 738

· **Further information obtainable from:** Occupational product safety department of Seal For Life Industries

· **Emergency telephone number:**

Australian distributor: Crest Coatings (Australia) Pty. Ltd. During Business Hours: +61 3 9945 2700; 24h/24h: Mob 0406 434 610, Alt Mob. 0412 236 738 (telephone advice English)

For worldwide emergency assistance call CHEMTREC (24 hours):

Within USA/Canada 1-800-424-9300, CCN22955; Outside USA/Canada +1 703-527-3887 (collect calls accepted)

CHEMTREC Australia: +(61)-290372994

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**2 Hazard(s) Identification**

**Classification of the substance or mixture**



corrosion

Skin Corr. 1B      H314 Causes severe skin burns and eye damage.  
Eye Dam. 1        H318 Causes serious eye damage.



environment

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



Acute Tox. 4        H312 Harmful in contact with skin.  
Skin Sens. 1       H317 May cause an allergic skin reaction.

Aquatic Acute 2    H401 Toxic to aquatic life.

**Label elements**

**GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

**Hazard pictograms**



GHS05



GHS07



GHS09

**Signal word** Danger

**Hazard-determining components of labelling:**

Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines  
3,6-diazaoctanethylenediamin  
cashew nut shell liquid

**Hazard statements**

H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P101                If medical advice is needed, have product container or label at hand.  
P102                Keep out of reach of children.  
P103                Read label before use.  
P260                Do not breathe dusts or mists.  
P264                Wash thoroughly after handling.  
P272                Contaminated work clothing should not be allowed out of the workplace.  
P273                Avoid release to the environment.  
P280                Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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- 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.
- P310 Immediately call a POISON CENTER/doctor.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 Specific treatment (see on this label).
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P391 Collect spillage.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not available.
- **vPvB:** Not available.

**3 Composition and Information on Ingredients**

· **Chemical characterisation: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

68410-23-1	Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 2, H401	25-50%
112-24-3	3,6-diazaoctanethylenediamin ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	10-25%
8007-24-7	cashew nut shell liquid ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Skin Sens. 1A, H317	10-25%
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319	2.5-5%
620-92-8	4,4'-methylenediphenol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335; Aquatic Chronic 3, H412	2.5-5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

**4 First Aid Measures**

· **Description of first aid measures**

· **General information:**

Personal protection for the First Aider.  
Immediately remove any clothing soiled by the product.  
In case of irregular breathing or respiratory arrest provide artificial respiration.

· **After inhalation:**

Take affected persons into fresh air and keep quiet.  
Call a doctor immediately.  
Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.

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- **After skin contact:**  
If skin irritation continues, consult a doctor.  
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
Do not induce vomiting; call for medical help immediately.  
Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
  - **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## 5 Fire Fighting Measures

- **Extinguishing media**
  - **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.  
In case of fire, the following can be released:  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)
- **Advice for firefighters**
  - **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter the sewage system.  
Disposal of fire debris and contaminated fire fighting water in accordance with official regulations.

## 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Use respiratory protective device against the effects of fumes/dust/aerosol.  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Do not allow to penetrate the ground/soil.  
Do not allow to enter sewers/ surface or ground water.  
In case of seepage into the ground inform responsible authorities.  
Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

**\* 7 Handling and Storage**

- **Handling:**
  - **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
  - **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
  - **Storage:**
    - **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
    - **Information about storage in one common storage facility:**
      - Do not store together with acids.
      - Do not store together with alkalis (caustic solutions).
      - Store away from oxidising agents.
    - **Further information about storage conditions:**
      - Store receptacle in fume cupboard.
      - Keep container tightly sealed.
  - **Specific end use(s)** No further relevant information available.

**\* 8 Exposure controls and personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
  - **Ingredients with limit values that require monitoring at the workplace:**
    - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· <b>DNELs</b>		
<b>68410-23-1 Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines</b>		
Oral	DNEL - Systemic effect, long term exposure	0.56 mg/kg bw/day (General population)
Dermal	DNEL - Systemic effect, long term exposure	0.56 mg/kg bw/day (General population) 1.1 mg/kg bw/day (Workers)
Inhalative	DNEL - Systemic effect, long term exposure	0.97 mg/m3 (General population) 3.9 mg/m3 (Workers)

· <b>PNECs</b>	
<b>68410-23-1 Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines</b>	
PNEC - Fresh water	0.004 mg/l (Aquatic organisms)
PNEC - Marine water	0 mg/l (Aquatic organisms)
PNEC - Fresh water, intermittent releases	0.041 mg/l (Aquatic organisms)
PNEC - STP	3.14 mg/l (Aquatic organisms)
PNEC - Sediment, fresh water	411 mg/kg sedim dw (Aquatic organisms)
PNEC - Sediment, marine water	41.1 mg/kg sedim dw (Aquatic organisms)
PNEC - Soil	82.18 mg/kg soil dw (Terrestrial organisms)
<b>8007-24-7 cashew nut shell liquid</b>	
PNEC - Fresh water	0.006 mg/l (Aquatic organisms)
PNEC - Marine water	0.001 mg/l (Aquatic organisms)

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PNEC - STP	10 mg/l (Aquatic organisms)
<b>90-72-2 2,4,6-tris(dimethylaminomethyl)phenol</b>	
PNEC - Fresh water	0.084 mg/l (Aquatic organisms)
PNEC - Marine water	0.008 mg/l (Aquatic organisms)
PNEC - Fresh water, intermittent releases	0.84 mg/l (Aquatic organisms)
PNEC - STP	0.2 mg/l (Aquatic organisms)

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

- Do not eat, drink, smoke or sniff while working.
- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes and skin.
- Do not inhale gases / fumes / aerosols.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

· **Material of gloves**

- Butyl rubber, BR
- Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Impervious protective clothing

**\* 9 Physical and Chemical Properties**

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

- **Form:** Liquid
- **Colour:** Amber coloured
- **Odour:** Amine-like

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· <b>Odour threshold:</b>	Not determined.
· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b>	
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Initial boiling point and boiling range:</b>	~278 °C
· <b>Flash point:</b>	>110 °C
· <b>Flammability (solid, gas):</b>	Not applicable.
· <b>Ignition temperature:</b>	335 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	0 hPa
· <b>Density at 20 °C:</b>	0.98 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with</b>	
· <b>water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Dynamic:</b>	Not determined.
· <b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
· <b>VOC (EC)</b>	0.00 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions**  
Reacts with acids.  
Reacts with oxidising agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:**  
Reacts with strong acids.  
Reacts with oxidising agents.

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· **Hazardous decomposition products:** No dangerous decomposition products known.

**\* 11 Toxicological Information**

· **Information on toxicological effects**

· **Acute toxicity**

· **LD/LC50 values relevant for classification:**

**ATE (Acute Toxicity Estimates)**

Oral	LD50	>2,085 mg/kg
Dermal	LD50	>1,482 mg/kg

**68410-23-1 Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines**

Oral	LD50	>2,000 mg/kg (rat) (OECD 423)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)

**112-24-3 3,6-diazaoctanethylenediamin**

Oral	LD50	1,600 mg/kg (mouse) 2,500 mg/kg (rat)
Dermal	LD50	550 mg/kg (rabbit)

**8007-24-7 cashew nut shell liquid**

Oral	LD50	>2,000 mg/kg (rat) (OECD 423)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)

**90-72-2 2,4,6-tris(dimethylaminomethyl)phenol**

Oral	LD50	2,169 mg/kg (rat)
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**620-92-8 4,4'-methylenediphenol**

Oral	LD50	4,950 mg/kg (rat)
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· **Primary irritant effect:**

· **Skin corrosion/irritation** Caustic effect on skin and mucous membranes.

· **Serious eye damage/irritation**

Strong caustic effect.

Strong irritant with the danger of severe eye injury.

· **Respiratory or skin sensitisation** Sensitisation possible through skin contact.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Corrosive

Irritant

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

**\* 12 Ecological Information**

· **Toxicity**

· **Aquatic toxicity:**

**68410-23-1 Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines**

LC50	7 mg/l (Fish - Brachydanio rerio) (OECD 203)
EC50/48h	5.18 mg/l (Daphnia magna) (OECD 202)
EC50/72h	4.11 mg/l (Algae - Pseudokirchnerella subcapitata) (OECD 201)

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NOEC/72h	1.25 mg/l (Algae - Pseudokirchnerella subcapitata) (OECD 201)
<b>112-24-3 3,6-diazaoctanethylenediamin</b>	
EC50/24h	31.1 mg/l (Daphnia magna)
EC50/72h	2.5 mg/l (Algae - Scenedesmus subspicatus)
<b>8007-24-7 cashew nut shell liquid</b>	
LL50/96h	>1,000 mg/l (Fish - Cyprinodon variegatus) (OECD 203)
LL50/48h	>1,000 mg/l (Cocepods - Acartia tonsa) (other (now ISO 14669))
<b>90-72-2 2,4,6-tris(dimethylaminomethyl)phenol</b>	
LC50/96h	>180 mg/l (Fish - Salmo Gairdneri) (WoE - study report)
	175 mg/l (Fish - Cyprinus carpio) (WoE study report)
	718 mg/l (Aq. Invertebr. - Palaemonetes vulgari) (WoE study report)
EC50/72h	84 mg/l (Algae - Desmodesmus subspicatus) (OECD 201)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
  - **Remark:** Toxic for fish
- **Additional ecological information:**
  - **General notes:**
    - Must not reach sewage water or drainage ditch undiluted or unneutralised.
    - Also poisonous for fish and plankton in water bodies.
    - Toxic for aquatic organisms
    - Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
    - Do not allow product to reach ground water, water course or sewage system.
    - Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
  - **PBT:** Not available.
  - **vPvB:** Not available.
- **Other adverse effects** No further relevant information available.

**\* 13 Disposal considerations**

- **Waste treatment methods**
  - **Recommendation**
    - Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
  - **Recommendation:** Disposal must be made according to official regulations.

**\* 14 Transport information**

- **UN-Number**
- **ADG, IMDG, IATA** UN2735

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<ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>ADG</b></li> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul>	<p>2735 AMINES, LIQUID, CORROSIVE, N.O.S. (TRIETHYLENETETRAMINE), MARINE POLLUTANT/ ENVIRONMENTALLY HAZARDOUS AMINES, LIQUID, CORROSIVE, N.O.S. (TRIETHYLENETETRAMINE, Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines), MARINE POLLUTANT AMINES, LIQUID, CORROSIVE, N.O.S. (TRIETHYLENETETRAMINE)</p>
<ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>ADG, IMDG</b></li> </ul> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p>8 Corrosive substances. 8</p>
<ul style="list-style-type: none"> <li>· <b>IATA</b></li> </ul> <div style="display: flex; justify-content: center; align-items: center;">  </div> <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p>8 Corrosive substances. 8</p>
<ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>ADG, IMDG, IATA</b></li> </ul>	<p>III</p>
<ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> <li>· <b>Special marking (ADG):</b></li> </ul>	<p>Product contains environmentally hazardous substances: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines Symbol (fish and tree) Symbol (fish and tree)</p>
<ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> <li>· <b>Danger code (Kemler):</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Segregation groups</b></li> <li>· <b>Stowage Category</b></li> <li>· <b>Segregation Code</b></li> </ul>	<p>Warning: Corrosive substances. 80 F-A,S-B Alkalis A SG35 Stow "separated from" acids.</p>
<ul style="list-style-type: none"> <li>· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b></li> </ul>	<p>Not applicable.</p>
<ul style="list-style-type: none"> <li>· <b>Transport/Additional information:</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>ADG</b></li> <li>· <b>Limited quantities (LQ)</b></li> </ul>	<p>5L</p>

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· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>Transport category</b>	3
· <b>Tunnel restriction code</b>	E
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· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (TRIETHYLENETETRAMINE), 8, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

**15 Regulatory information**

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

· <b>Australian Inventory of Chemical Substances</b>	
68410-23-1	Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
112-24-3	3,6-diazaoctanethylenediamin
8007-24-7	cashew nut shell liquid
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol
· <b>Standard for the Uniform Scheduling of Medicines and Poisons</b>	
None of the ingredients is listed.	

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS05 GHS07 GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines  
3,6-diazaoctanethylenediamin  
cashew nut shell liquid

· **Hazard statements**

H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P260 Do not breathe dusts or mists.

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P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
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.
P310	Immediately call a POISON CENTER/doctor.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category E2** Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

- **Substances of very high concern (SVHC) according to REACH, Article 57**  
None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H401 Toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

· **Department issuing SDS:** Occupational product safety department of Seal For Life Industries

· **Contact:**

Seal For Life Industries  
Gasselterstraat 20, 9503JB Stadskanaal, the Netherlands  
Tel: +31 599 696 170; Fax: +31 599 696 177; Email: info@sealforlife.com

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**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1A: Skin sensitisation – Category 1A  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**\* Data compared to the previous version altered.**

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