

# **Safety Data Sheet**

### **Vectra**

**Revision:** 2015-09-10 **Version:** 01.0

# SECTION 1: Identification of the substance/mixture and supplier

# 1.1 Product identifier Product name: Vectra

#### 1.2 Recommended use and restrictions on use

Identified uses:

Floor finish

Restrictions of use:

Uses other than those identified are not recommended

#### 1.3 Details of the supplier

Diversey Australia Pty. Limited 29 Chifley St, Smithfield, NSW, 2164, Australia Telephone: 1800 647 779 (toll free)

Fax: (02) 9725 5767

Email: aucustserv@sealedair.com Website: http://www.sealedair.com/

#### 1.4 Emergency telephone number

Call 1800 033 111 (24hrs)

# **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classified as hazardous according to Safe Work Australia criteria.

Skin irritation, Category 2 Serious eye irritation, Category 2

#### 2.2 Label elements



Signal word: Warning

#### Hazard statements:

H315 + H319 - Causes skin and serious eye irritation.

#### Prevention statement(s):

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P280 - Wear protective gloves.

### Response statement(s):

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 - If skin irritation occurs: Get medical advice or attention.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice or attention.

P321 - Specific treatment (see supplemental first aid instructions on this label).

P362 - Take off contaminated clothing.

#### 2.3 Other hazards

# SECTION 3: Composition/information on ingredients

#### 3.1 Substances / Mixtures



Ingredient(s)	CAS number	EC number	Classification	Weight percent
Zinc ammonium carbonate	40861-29-8	255-118-7	Skin Corr. 1B (H314) Acute Tox. 4 (H302) STOT SE 3 (H335)	1-3
1-phenoxypropan-2-ol	770-35-4	212-222-7	Eye Irrit. 2 (H319)	1-3
2-ethoxyethanol	110-80-5	203-804-1	Flam. Liq. 3 (H226) Acute Tox. 3 (H331) Repr. 1B (H360)	0.01-0.1
Lead oxide	1317-36-8	215-267-0		< 0.01
Cadmium oxide	1306-19-0	215-146-2		< 0.01

Non-hazardous ingredients are the remainder and add up to 100%.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

For the full text of the H and AUH phrases mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

4.1 Description of first aid measures

**Inhalation** Get medical attention or advice if you feel unwell.

**Skin contact:** Wash skin with plenty of lukewarm, gently flowing water. Take off immediately all contaminated

clothing and wash it before re-use. If skin irritation occurs: Get medical advice or attention.

Eye contact: Immediately rinse eyes cautiously with lukewarm water for several minutes. Remove contact let

Immediately rinse eyes cautiously with lukewarm water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

If irritation occurs and persists, get medical attention.

Ingestion: Rinse mouth. Immediately drink 1 glass of water. Get medical attention or advice if you feel unwell.

**Self-protection of first aider:**Consider personal protective equipment as indicated in subsection 8.2. **First aid facilities:**Eyewash facilities should be considered in a workplace where necessary.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: No known effects or symptoms in normal use.

Skin contact: Causes irritation.

Eye contact: Causes severe irritation.

**Ingestion:** No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found

in section 11.

Poison Information Center: Call 13 11 26 (Australia Wide).

# **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

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

No special hazards known.

## 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

#### 5.4 Hazchem code

None allocated

# SECTION 6: Accidental release measures

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

Wear suitable gloves.

#### 6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

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

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

## 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

### SECTION 7: Handling and storage

# 7.1 Precautions for safe handling Measures to prevent fire and explosions:

No special precautions required.

#### Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

### Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless adviced by Sealed Air. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Use personal protective equipment as required. Avoid contact with skin and eyes. Use only with adequate ventilation.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep only in original container. Store in a closed container.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

#### 7.3 Specific end use(s)

No specific advice for end use available.

# SECTION 8: Exposure controls/personal protection

# 8.1 Control parameters Workplace exposure limits

Air limit values, if available:

Ingredient(s)	Long term value(s) (TWA)	Short term value(s) (STEL)	Peak value(s)
2-ethoxyethanol	5 ppm 18 mg/m³		
Lead oxide	0.15 mg/m <sup>3</sup>		
Cadmium oxide	0.01 mg/m <sup>3</sup>		

Biological limit values, if available:

#### 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Appropriate engineering controls: No special requirements under normal use conditions.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment

Eye / face protection: Safety glasses are not normally required. However, their use is recommended in those cases

where splashes may occur when handling the product.

**Hand protection:**Chemical-resistant protective gloves (EN 374).
Verify instructions regarding permeability and breakthrough time, as provided by the gloves

verify instructions regardii supplier.

Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.

Suggested gloves for prolonged contact:

Material: butyl rubber Penetration time: >= 480 min Material thickness: >= 0.7 mm

Suggested gloves for protection against splashes:

Material: nitrile rubber Penetration time: >= 30 min Material thickness: >= 0.4 mm

In consultation with the supplier of protective gloves a different type providing similar protection may

be chosen.

Body protection:No special requirements under normal use conditions.Respiratory protection:No special requirements under normal use conditions.

Environmental exposure controls: No special requirements under normal use conditions.

#### SECTION 9: Physical and chemical properties

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

Method / remark

closed cup

Physical State: Liquid Colour: Opaque, Off-White Odour: Product specific Odour threshold: Not applicable

**pH:** ≈ 8.6 (neat)

Melting point/freezing point (°C): Not determined

Initial boiling point and boiling range (°C): Not determined

Flash point (°C): > 93.4

Sustained combustion: Not applicable. Evaporation rate: Not determined Flammability (solid, gas): Not determined

Upper/lower flammability limit (%): Not determined

Vapour pressure: Not determined Vapour density: Not determined Relative density: 1.03 g/cm³ (20 °C)

Solubility in / Miscibility with Water: Fully miscible

Autoignition temperature: Not determined **Decomposition temperature:** Not applicable.

Viscosity: Not determined

Explosive properties: Not explosive. Oxidising properties: Not oxidising

9.2 Other information

Surface tension (N/m): Not determined Corrosion to metals: Not corrosive

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

#### 10.2 Chemical stability

Stable under normal storage and use conditions.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

#### 10.4 Conditions to avoid

None known under normal storage and use conditions.

#### 10.5 Incompatible materials

None known under normal use conditions.

#### 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

# **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

Mixture data:

### Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below.

#### Acute toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
Zinc ammonium carbonate		No data available			
1-phenoxypropan-2-ol	LD 50	> 2000	Rat	Method not given	-
2-ethoxyethanol		No data available			
Lead oxide		No data available			
Cadmium oxide		No data			

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1	available		

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
Zinc ammonium carbonate		No data available			
1-phenoxypropan-2-ol	LD 50	> 2000	Rat	Method not given	-
2-ethoxyethanol		No data available			
Lead oxide		No data available			
Cadmium oxide		No data available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Zinc ammonium carbonate		No data available			
1-phenoxypropan-2-ol	LC₀	5.4 (mist)	Rat	Method not given	4
2-ethoxyethanol		No data available			
Lead oxide		No data available			
Cadmium oxide		No data available			

# Irritation and corrosivity Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Zinc ammonium carbonate	No data available			
1-phenoxypropan-2-ol	No data available			
2-ethoxyethanol	No data available			
Lead oxide	No data available			
Cadmium oxide	No data available			

Eye irritation and corrosivity

Eye iiitation and corrosivity				
Ingredient(s)	Result	Species	Method	Exposure time
Zinc ammonium carbonate	No data available			
1-phenoxypropan-2-ol	Irritant		Method not given	
2-ethoxyethanol	No data available			
Lead oxide	No data available			
Cadmium oxide	No data available			

Respiratory tract irritation and corrosivity

Respiratory tract irritation and corrosivity				
Ingredient(s)	Result	Species	Method	Exposure time
Zinc ammonium carbonate	No data available			
1-phenoxypropan-2-ol	No data available			
2-ethoxyethanol	No data available			
Lead oxide	No data available			
Cadmium oxide	No data available			

**Sensitisation**Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
Zinc ammonium carbonate	No data available			
1-phenoxypropan-2-ol	Not sensitising	Guinea pig	Method not given	-
2-ethoxyethanol	No data available			
Lead oxide	No data available			
Cadmium oxide	No data available			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
Zinc ammonium carbonate	No data available			
1-phenoxypropan-2-ol	No data available			-
2-ethoxyethanol	No data available			
Lead oxide	No data available			
Cadmium oxide	No data available			

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
Zinc ammonium carbonate	No data available		No data available	
1-phenoxypropan-2-ol	No evidence of genotoxicity, negative test results	Method not given	No evidence of genotoxicity, negative test results	Method not given
2-ethoxyethanol	No data available		No data available	
Lead oxide	No data available		No data available	
Cadmium oxide	No data available		No data available	

Carcinogenicity

Ingredient(s)	Effect
Zinc ammonium carbonate	No data available
1-phenoxypropan-2-ol	No data available
2-ethoxyethanol	No data available
Lead oxide	No data available
Cadmium oxide	No data available

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
Zinc ammonium carbonate			No data available				
1-phenoxypropan-2-ol			No data available				No evidence for reproductive toxicity
2-ethoxyethanol			No data available				
Lead oxide			No data available				
Cadmium oxide			No data available				

Repeated dose toxicity
Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
Zinc ammonium carbonate		No data available				
1-phenoxypropan-2-ol		No data available			-	
2-ethoxyethanol		No data available				
Lead oxide		No data available				
Cadmium oxide		No data				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
Zinc ammonium carbonate		No data available				
1-phenoxypropan-2-ol		No data available			-	
2-ethoxyethanol		No data available				
Lead oxide		No data available				
Cadmium oxide		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
Zinc ammonium carbonate		No data available				
1-phenoxypropan-2-ol		No data available			-	
2-ethoxyethanol		No data available				
Lead oxide		No data available				
Cadmium oxide		No data available				

Chronic toxicity

-	Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
Z	inc ammonium carbonate			No data available					

1-phenoxypropan-2-ol	No data			
	available			
2-ethoxyethanol	No data			
	available			
Lead oxide	No data			
	available			
Cadmium oxide	No data			
	available			

STOT-single exposure

Ingredient(s)	Affected organ(s)
Zinc ammonium carbonate	No data available
1-phenoxypropan-2-ol	No data available
2-ethoxyethanol	No data available
Lead oxide	No data available
Cadmium oxide	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
Zinc ammonium carbonate	No data available
1-phenoxypropan-2-ol	No data available
2-ethoxyethanol	No data available
Lead oxide	No data available
Cadmium oxide	No data available

#### **Aspiration hazard**

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

#### Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below

#### Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Zinc ammonium carbonate		No data available			
1-phenoxypropan-2-ol	LC 50	280	Pimephales promelas	Method not given	96
2-ethoxyethanol		No data available			
Lead oxide		No data available			
Cadmium oxide		No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Zinc ammonium carbonate		No data available			
1-phenoxypropan-2-ol	LC 50	370	Daphnia magna Straus	Method not given	48
2-ethoxyethanol		No data available			
Lead oxide		No data available			
Cadmium oxide		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Zinc ammonium carbonate		No data available			
1-phenoxypropan-2-ol	EC 50	> 100	Desmodesmus subspicatus	Method not given	72
2-ethoxyethanol		No data			

	available
Lead oxide	No data available
Cadmium oxide	No data available

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
Zinc ammonium carbonate		No data available			
1-phenoxypropan-2-ol		No data available			-
2-ethoxyethanol		No data available			
Lead oxide		No data available			
Cadmium oxide		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
Zinc ammonium carbonate		No data available			
1-phenoxypropan-2-ol		No data available			
2-ethoxyethanol		No data available			
Lead oxide		No data available			
Cadmium oxide		No data available			

# Aquatic long-term toxicity Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Effects observed
Zinc ammonium carbonate		(mg/l) No data			time	
aaaaaaa.aa.		available				
1-phenoxypropan-2-ol		No data available				
2-ethoxyethanol		No data available				
Lead oxide		No data available				
Cadmium oxide		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
Zinc ammonium carbonate		No data available				
1-phenoxypropan-2-ol		No data available				
2-ethoxyethanol		No data available				
Lead oxide		No data available				
Cadmium oxide		No data available				

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
Zinc ammonium carbonate		No data available				
1-phenoxypropan-2-ol		No data available			-	
2-ethoxyethanol		No data available				
Lead oxide		No data available				
Cadmium oxide		No data available				

Terrestrial toxicity
Terrestrial toxicity - soil invertebrates, including earthworms, if available:
Ingredient(s) | Endpoint |

		Value		Method		F(( /
Ingredient(s)	l Endpoint		l Species		l Exposure	Effects observed

	(mg/kg dw soil)		time (days)	
1-phenoxypropan-2-ol	No data available		-	

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
1-phenoxypropan-2-ol		No data available			-	

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - birds, il avallable.						
Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
1-phenoxypropan-2-ol		No data available			-	

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
1-phenoxypropan-2-ol		No data available			-	

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
1-phenoxypropan-2-ol		No data available			-	

# 12.2 Persistence and degradability

Abiotic degradation
Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

# **Biodegradation**Ready biodegradab

odegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT 50	Method	Evaluation
Zinc ammonium carbonate					No data available
1-phenoxypropan-2-ol			72% in 28 day(s)	OECD 301F	Readily biodegradable
2-ethoxyethanol					No data available
Lead oxide					No data available
Cadmium oxide					No data available

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

## 12.3 Bioaccumulative potential

Ingredient(s)	Value	Method	Evaluation	Remark
Zinc ammonium carbonate	No data available	moniou	Evaluation	Roman
1-phenoxypropan-2-ol	1.41	Method not given	Low potential for bioaccumulation	
2-ethoxyethanol	No data available			
Lead oxide	No data available			
Cadmium oxide	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
Zinc ammonium carbonate	No data available				
1-phenoxypropan-2-ol	No data available				
2-ethoxyethanol	No data available				
Lead oxide	No data available				
Cadmium oxide	No data available				

**12.4 Mobility in soil**Adsorption/Desorption to soil or sediment

racorpaion to con er coamient							
Ingredient(s)	Adsorption	Desorption	Method	Soil/sediment	Evaluation		
	coefficient	coefficient		type			

	Log Koc	Log Koc(des)		
Zinc ammonium carbonate	No data available			
1-phenoxypropan-2-ol	No data available			High potential for mobility in soil
2-ethoxyethanol	No data available			
Lead oxide	No data available			
Cadmium oxide	No data available			

#### 12.5 Other adverse effects

No other adverse effects known.

# **SECTION 13: Disposal considerations**

13.1 Waste treatment methods

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**Empty packaging** 

Dispose of observing national or local regulations. Recommendation:

Suitable cleaning agents: Water, if necessary with cleaning agent.

## SECTION 14: Transport information

#### ADG, IMO/IMDG, ICAO/IATA

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods 14.3 Transport hazard class(es): Non-dangerous goods

Class:

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers.

Hazchem code: None allocated

# SECTION 15: Regulatory information

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

A poison schedule number has not been allocated to this product using the criteria in the Standard Poison schedule

for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Classification Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and

Labelling of Chemicals.

Inventory listing(s) AICS (Australian Inventory of Chemical Substances): All components are listed on AICS, or are

exempt

# SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MS31000559 Version: 01.0 Revision: 2015-09-10

#### Full text of the H phrases mentioned in section 3:

H226 - Flammable liquid and vapour.
H302 - Harmful if swallowed.

- H314 Causes severe skin burns and eye damage.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H360 May damage fertility or the unborn child.
- 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.

#### Additional information:

Respirators: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable

when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

Work practices - solvents: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

Personal protective equipment guidelines: The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Health effects from exposure: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Safety Data Sheet which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

#### Abbreviations and acronyms:

- ATE Acute Toxicity Estimate
   LC50 Lethal Concentration, 50% / Median Lethal Concentration
- LD50 Lethal Dose, 50% / Median Lethal dose
- STOT-RE Specific target organ toxicity (repeated exposure)
- STOT-SE Specific target organ toxicity (single exposure)
- EC No. European Community Number

**End of Safety Data Sheet**