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For purchasing information visit: Ronseal Hardwood Garden Furniture Restorer

## Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010 - United Kingdom (UK)

# SAFETY DATA SHEET

RONSEAL HARDWOOD GARDEN FURNITURE RESTORER

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

1.1 Product identifier	
Product name	: RONSEAL HARDWOOD GARDEN FURNITURE RESTORER
Product code	: RON023872

**1.2 Relevant identified uses of the substance or mixture and uses advised againstMaterial uses**: Paint or paint related material.

1.3 Details of the supplier of the safety data sheet		National contact
Ronseal Ltd Thorncliffe Park Chapeltown Sheffield S35 2YP		Ronseal Ltd Thorncliffe Park Chapeltown Sheffield S35 2YP
e-mail address of person responsible for this SDS	: SDS@Ronseal.co.	uk
1.4 Emergency telephone number		

#### 1.4 Emergency telephone number National advisory body/Poison Contro

National advisory body/Poison Centre				
National Poisons Information Service +44 844 892 0111 / 112				
+44 (0)114 246 7171 (08:30 - 17:00)				

## **SECTION 2: Hazards identification**

2.1 Classification of the sub	ostance or mixture
Product definition	: Mixture
Classification according to	D Regulation (EC) No. 1272/2008 [CLP/GHS]
Eye Irrit. 2, H319	
Ingredients of unknown toxicity	: Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 3%
Ingredients of unknown ecotoxicity	<ul> <li>Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 3%</li> </ul>
Classification according to	Directive 1999/45/EC [DPD]
The product is not classifie	d as dangerous according to Directive 1999/45/EC and its amendments.
Classification	: Not classified.
See Section 16 for the full te	ext of the R phrases or H statements declared above.
See Section 11 for more det	ailed information on health effects and symptoms.
2.2 Label elements	

Hazard pictograms



Signal word	: Warning
Hazard statements	: Causes serious eye irritation.

## **SECTION 2: Hazards identification**

Precautionary statements		
General	:	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	:	Wear eye or face protection. Wash hands thoroughly after handling.
Response	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Hazardous ingredients	:	Alcohols, C6-12, ethoxylated
Supplemental label elements	:	Contains 2,2',2"-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol and 1, 2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	en	ts
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.
2.3 Other hazards		

Other hazards which do : None known. not result in classification

## **SECTION 3: Composition/information on ingredients**

:

#### 3.2 Mixture

			Clas		
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
Alcohols, C6-12, ethoxylated	CAS: 68439-45-2	>=1 - <3	Xn; R22 Xi; R41	Acute Tox. 4, H302 Eye Dam. 1, H318	[1]
			See Section 16 for the full text of the R- phrases declared above.	See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

## **SECTION 4: First aid measures**

4.1 Description of first aid r	neasures
General	<ul> <li>In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.</li> </ul>
Eye contact	<ul> <li>Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.</li> </ul>
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	<ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.</li> </ul>
Ingestion	<ul> <li>If swallowed, seek medical advice immediately and show the container or label.</li> <li>Keep person warm and at rest. Do NOT induce vomiting.</li> </ul>
	If swallowed, rinse mouth with water (only if the person is conscious). Get immediate medical attention.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

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

Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
Specific treatments	: No specific treatment.

See toxicological information (Section 11)

SECTION 5: Firefighting	g measures	
5.1 Extinguishing media		
Suitable extinguishing media	: Recommended: alcohol-resistant foam, carbon dioxide, powders.	
Unsuitable extinguishing media	: Do not use water jet.	
5.2 Special hazards arising	from the substance or mixture	
Hazards from the substance or mixture	<ul> <li>Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.</li> </ul>	
	<ul> <li>Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.</li> </ul>	
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.	

Date of issue/Date of revision	: 09, Jul, 2014.

## **SECTION 5: Firefighting measures**

Appropriate breathing apparatus may be required.

5.3 Advice for firefighters		
Special protective actions for fire-fighters	:	Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.
Special protective equipment for fire-fighters	:	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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

Due to the organic solvents content of the mixture:

6.1 Personal precautions, protective equipment and emergency procedures					
For non-emergency personnel	Exclude sources of ignition and ventilate the area. Avoid breathing vapour or m Refer to protective measures listed in sections 7 and 8.	ist.			
	Keep unnecessary and unprotected personnel from entering.				
For emergency responders	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".				
6.2 Environmental precautions	Do not allow to enter drains or watercourses. If the product contaminates lakes rivers, or sewers, inform the appropriate authorities in accordance with local regulations.	3			
6.3 Methods and materials for containment and cleaning up	Contain and collect spillage with non-combustible, absorbent material e.g. sand earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a deterge Avoid using solvents.				
<i>6.4 Reference to other sections</i>	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.				

## **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling	: Due to the organic solvents content of the mixture:
	Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
	Keep away from heat, sparks and flame. No sparking tools should be used. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding.
	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
	<ul> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Never use pressure to empty. Container is not a pressure vessel.</li> <li>Always keep in containers made from the same material as the original one.</li> <li>Comply with the health and safety at work laws.</li> <li>Information on fire and explosion protection</li> <li>Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.</li> </ul>
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## **SECTION 7: Handling and storage**

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7.2 Conditions for safe storage, including any incompatibilities	<ul> <li>Store in accordance with local regulations. Notes on joint storage Keep away from: oxidising agents, strong alkalis, strong acids.</li> <li>Additional information on storage conditions Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep container tightly closed. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.</li> </ul>
	Contaminated absorbent material may pose the same hazard as the spilt product. Store above 5°C (42°F) Protect from frost. Protect from frost.
7.3 Specific end use(s) Recommendations Industrial sector specific	: Not available. : Not available.

Good housekeeping standards, regular safe removal of waste materials will minimise the risks of spontaneous combustion and other fire hazards.

Before use of this material please refer to the Exposure Scenario(s) if attached for the specific end use, control measures and additional PPE considerations.

#### **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 8.1 Control parameters

solutions

#### **Occupational exposure limits**

No exposure limit value known.

Recommended monitoring procedures	:	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
DNELs/DMELs		
No DNELs/DMELs available.		
PNECs No PNECs available		
8.2 Exposure controls		
Appropriate engineering controls		Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.
	ī	Users are advised to consider national Occupational Exposure Limits or other equivalent values.

## **SECTION 8: Exposure controls/personal protection**

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Individual protection measu	ure	<u>S</u>
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Use safety eyewear designed to protect against splash of liquids.
Skin protection		
Hand protection	:	Wear suitable gloves tested to EN374.
Gloves	:	Short Term Exposure: less than 10 minutes continuous use Nitrile gloves.
		Long Term Exposure: Spill / For prolonged or repeated handling, use PE / PE Laminate gloves > 8 hours (breakthrough time) .
		There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of
Body protection		use, as included in the user's risk assessment. Personnel should wear protective clothing.
Doay protection		Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Approved/certified respirator with organic vapour cartridge. Filter type: A2P2 (EN14387).
Environmental exposure controls	:	Do not allow to enter drains or watercourses.
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Before use of this material please refer to the Exposure Scenario(s) if attached for the specific end use, control measures and additional PPE considerations.

## **SECTION 9: Physical and chemical properties**

9.1 Information on basic physic	cal and chemical properties
<u>Appearance</u>	
Physical state	: Liquid.
Colour	: Colourless.
Odour	: Mild.
Odour threshold	: Not Available (Not Tested).
pН	: Not Available (Not Tested).
Melting point/freezing point	: Not Available (Not Tested).
Initial boiling point and boiling range	: Not Available (Not Tested).
Flash point	: Not Available (Not Tested).
Evaporation rate	: Slower than Ether Phase
Flammability (solid, gas)	: Not Available (Not Tested).
Burning time	: Not Available (Not Tested).
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Date of issue/Date of revision :09, Jul, 2014.

## **SECTION 9: Physical and chemical properties**

Burning rate	: Not Available (Not Tested).
Jpper/lower flammability or explosive limits	: Testing not technically possible.
/apour pressure	: Testing not technically possible.
/apour density	: Testing not technically possible.
Relative density	: Not Available (Not Tested).
Solubility(ies)	: Not Available (Not Tested).
Solubility in water	: Not Available (Not Tested).
Partition coefficient: n-octanol/ vater	: Not Available (Not Tested).
Auto-ignition temperature	: Not Available (Not Tested).
Decomposition temperature	: Not Available (Not Tested).
/iscosity	: Not Available (Not Tested).
Explosive properties	: Not Available (Not Tested).
Dxidising properties	: Under normal conditions of storage and use, hazardous reactions will not occur

#### 9.2 Other information

SECTION 10: Stability and reactivity					
10.1 Reactivity	No specific test data related to reactivity available for this product or its ingredients	3.			
10.2 Chemical stability	Stable under recommended storage and handling conditions (see Section 7).				
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.				
10.4 Conditions to avoid	When exposed to high temperatures may produce hazardous decomposition products.				
10.5 Incompatible materials	Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.				
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.				
Refer to Section 7. HANDI IN	AND STORAGE and Section 8: EXPOSURE CONTROL S/PERSONAL				

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

#### Acute toxicity

Describes of the same all such as some a	D			<b>F</b>
0	Result Sp	ecies	Dose	Exposure
No data available				
Acute toxicity estimates				
Route			ATE va	alue
Oral		18518.5	5 mg/kg	
Irritation/Corrosion				
No data available				
<u>Sensitisation</u>				
No data available				
<u>Mutagenicity</u>				
No data available				
<u>Carcinogenicity</u>				
No data available				
Reproductive toxicity				
No data available				
Teratogenicity				
No data available				
Specific target organ toxicity (single exp	<u>osure)</u>			
Product/ingredient name	Categ	jory	Route of	Target organs
			exposure	
No data available				
<u>Specific target organ toxicity (repeated e</u>	<u>xposure)</u>			
Product/ingredient name	Cateç	jory	Route of exposure	Target organs
No data available				

## Aspiration hazard

Product/ingredient name	Result
No data available	

*Other information* : Not available.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

#### 12.2 Persistence and degradability

Product/ingredient name	Test	Result		Dose		Inoculum
No data available						
Product/ingredient name	Aquatic half-life		Photolysis		Biodog	radability
	Aquatic nan-ine		FIIOLOIYSIS		Dioueg	lauability

#### 12.3 Bioaccumulative potential

Date of issue/Date of revision	:09, Jul, 2014.	Version : 1	8/11
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## **SECTION 12: Ecological information**

Product/ingredient name	LogPow	BCF	Potential
No data available			

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.
12.5 Results of PBT and vPv	/B assessment
PBT	: Not applicable.
vPvB	: Not applicable.
12.6 Other adverse effects	: No known significant effects or critical hazards.
	<ul> <li>Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.</li> </ul>

## **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 13.1 Waste treatment methods

Product		
Methods of disposal	:	The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	:	No.
European waste catalogue (EWC)	:	08 01 12 waste paint and varnish other than those mentioned in 08 01 11
Disposal considerations	:	Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.
Packaging		
Methods of disposal	:	The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Disposal considerations	:	Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.
European waste catalogue (EWC) Contaminated packaging	:	Recycling possible. Ensure packaging is completely empty before recycling. Dispose of uncured residues in the same way as the product itself. Plastic articles 15 01 02 - metallic packaging 15 01 04 - mixed packaging 15 01 06.
Special precautions	:	This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

#### SECTION 14: Transport information

	ADR/RID	IMDG	ΙΑΤΑ
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport Hazard Class(es)/ Label(s)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.
Additional information	-	-	-

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk : Not available. according to Annex II of MARPOL 73/78 and the IBC Code

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

## **SECTION 15: Regulatory information**

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

#### EU Regulation (EC) No. 1907/2006 (REACH)

#### Annex XIV - List of substances subject to authorisation

#### Annex XIV

None of the components are listed.

## Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable.

on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

**Other EU regulations** 

Seveso II Directive : This product is not controlled under the Seveso II Directive.

## **SECTION 15: Regulatory information**

15.2 Chemical Safety	: This product contains substances for which Chemical Safety Assessments are still
Assessment	required.

## **SECTION 16: Other information**

✓ Indicates information that has changed from previously issued version.

Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
-	1272/2008]
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = CLP-specific Hazard statement
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	vPvB = Very Persistent and Very Bioaccumulative

#### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classi	fication	Justification	
Eye Irrit. 2, H319		Calculation method	
Full text of abbreviated H statements	H318 Causes	ll if swallowed. s serious eye damage. s serious eye irritation.	
Full text of classifications [CLP/GHS]	: Acute Tox. 4, H302 Eye Dam. 1, H318 Eye Irrit. 2, H319	ACUTE TOXICITY (oral) - Category 4 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2	
Full text of abbreviated R phrases	: R22- Harmful if swallower R41- Risk of serious dam	R22- Harmful if swallowed. R41- Risk of serious damage to eyes.	
Full text of classifications [DSD/DPD]	: Xn - Harmful Xi - Irritant		
Date of printing	: 09, Jul, 2014.		
Date of issue/ Date of revision	: 09, Jul, 2014.		
Date of previous issue	: No previous validation.		
	: If there is no previous vali information.	idation date please contact your supplier for more	
Version	: 1		
Notice to reader			

#### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.