

Date Version : 15/04/2015

: 1

# **SAFETY DATA SHEET**

Lucas Marine Grease NLGI # 2

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

1.1 Product identifier	
Product name	: Lucas Marine Grease NLGI # 2
Product number	:
Product description	: Not available.
Product type	: Liquid.
Other means of identification	: Not available.
Only representative	: H2 Compliance. Rubicon Building, CIT Campus, Bishopstown, Cork, Ireland. T: +353 21 4868120, Web page: www.h2compliance.com

**1.2 Relevant identified uses of the substance or mixture and uses advised against** Not available.

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

Supplier's details	: Lucas Oil Products, Inc 302 North Sheridan Street Corona, California 92880-2067 Toll Free: (800) 342-2512 Tel: (951) 270-0154 Fax: (951) 270-1902 Website: www.LucasOil.com
e-mail address of person responsible for this SDS	: Markn@lucasoil.com

#### 1.4 Emergency telephone number

Telephone number	: (951) 493-1149 (951) 847-5949
Hours of operation	: 7:00A.M. to 5:00P.M. Monday thru Friday



Lucas Marine Grease NLGI # 2

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Irrit, 2, H315

Eye Irrit. 2, H319

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Classification according to Directive 1999/45/EC [DPD]

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** 

Human health hazards

: Harmful by inhalation and if swallowed.

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

: Xn; R20/22

#### 2.2 Label elements

Hazard pictograms



Signal word
Hazard statements

: Warning

Signal word

serious eye irritation.

- ÷.	Causes serious eye ir	1
	Causes skin irritation.	

Precautionary statements	
General	: Not applicable.
Prevention	<ul> <li>P280 - Wear protective gloves. Wear eye or face protection.</li> <li>P264 - Wash hands thoroughly after handling.</li> </ul>
Response	: P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	: Not applicable.

- : Not applicable.
- Disposal
- Hazard symbol or symbols
- Not applicable.



Indication of danger
Risk phrases
Safety phrases
Hazardous ingredients
Supplemental label elements
Annex XVII - Restrictions on the manufacture.

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

- : Harmful
- R20/22- Harmful by inhalation and if swallowed.
- Not applicable.
- Tris(dipentyldithiocarbamato-S,S')antimony ż
- ÷. Not applicable.
- : Not applicable.



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### SECTION 2: Hazards identification

#### Special packaging requirements

Containers to be fitted : Not applicable. with child-resistant fastenings

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 Mixtures

#### : Mixture

			<b>Classification</b>		
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
Tris(dipentyldithiocarbamato- S,S')antimony	EC: 240-028-2 CAS: 15890-25-2 Index: 051-003-00-9	>=2.5 - <25	Xn; R20/22 N; R51/53	Aquatic Chronic 4, H413	[1] [2]
Butene, homopolymer (products derived from either/ or But-1-ene/But-2-ene)	EC: 500-004-7	>=1 - <5	Xn; R65 Xi; R38	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Asp. Tox. 1, H304	[1]
Lithium hydroxide, monohydrate	EC: 215-183-4 CAS: 1310-66-3	>=1 - <5	Not classified.	Acute Tox. 4, H302 Skin Corr. 1A, H314 Eye Dam. 1, H318	[1]

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.

<u>Type</u>

[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

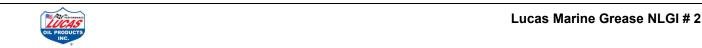
Occupational exposure limits, if available, are listed in Section 8.

#### 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.

# SECTION 4: First aid measures

#### 4.1 Description of first aid measures Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention if irritation occurs. Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.



# **SECTION 4: First aid measures**

Skin contact	<ul> <li>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.</li> </ul>
Ingestion	: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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

Potential acute health effect	<u>xts</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	<ul> <li>Harmful by inhalation. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.</li> </ul>
Skin contact	: No known significant effects or critical hazards.
Ingestion	: Harmful if swallowed.
<u>Over-exposure signs/symp</u>	<u>toms</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

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

Notes to physician		In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: 1	No specific treatment.

## **SECTION 5: Firefighting measures**

5.1 Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
5.2 Special hazards arising f	rom the substance or mixture
Hazards from the substance or mixture	: No specific fire or explosion hazard.



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# **SECTION 5: Firefighting measures**

Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides Sulfur oxides metal oxide/oxides
5.3 Advice for firefighters	
Special protective actions for fire-fighters	: No special precaution is required.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

# **SECTION 6: Accidental release measures**

6.1 Personal precautions, pro	tective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
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 Section 8 for additional information on hygiene measures.
6.2 Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and material for	containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
6.4 Reference to other sections	: 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.



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## **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

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

: Not available.

: Not available.

Recommendations Industrial sector specific solutions

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

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker or exposure or environmental releases.

#### 8.1 Control parameters

#### **Occupational exposure limits**

Product/ingredient name	Exposure limit values
Tris(dipentyldithiocarbamato-S,S')antimony	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 0.5 mg/m <sup>3</sup> , (as Sb) 8 hours.
procedures atmosp of the v protecti the follo the ass limit val atmosp of expo (Workp for the r	roduct contains ingredients with exposure limits, personal, workplace here or biological monitoring may be required to determine the effectiveness entilation or other control measures and/or the necessity to use respiratory we equipment. Reference should be made to monitoring standards, such as bwing: European Standard EN 689 (Workplace atmospheres - Guidance for essment of exposure by inhalation to chemical agents for comparison with lues and measurement strategy) European Standard EN 14042 (Workplace heres - Guide for the application and use of procedures for the assessment sure to chemical and biological agents) European Standard EN 482 lace atmospheres - General requirements for the performance of procedures measurement of chemical agents) Reference to national guidance ents for methods for the determination of hazardous substances will also be d.
DNELs/DMELs	



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

No DNELs/DMELs available.

#### **PNECs**

No PNECs available

8.2 Exposure controls	
Appropriate engineering controls	: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Individual protection measured	<u>ires</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	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body 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	<ul> <li>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.</li> </ul>
Respiratory protection	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.



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

Appearance		
Physical state	4	Liquid. [Grease.]
Colour	4	Blue.
Odour	4	Petroleum.
Odour threshold	1	Not available.
рН	1	Not available.
Melting point/freezing point	1	Not available.
Initial boiling point and boiling range	:	Not available.
Flash point	:	Closed cup: >200°C
Evaporation rate	:	Not available.
Flammability (solid, gas)	1	Not available.
Upper/lower flammability or explosive limits	:	Not available.
Vapour pressure	:	Not available.
Vapour density	:	>1 [Air = 1]
Relative density	1	0.92
Solubility(ies)	1	Negligible.
Partition coefficient: n-octanol/ water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	1	Not available.
Viscosity	:	Not available.
Explosive properties	:	Not available.
Oxidising properties	:	Not available.

#### 9.2 Other information

No additional information.

# SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: No specific data.
10.5 Incompatible materials	: Reactive or incompatible with the following materials: oxidising materials.
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Tris(dipentyldithiocarbamato-S,S') antimony	LD50 Dermal	Rabbit	16000 mg/kg	-
	LD50 Oral	Rat	16400 mg/kg	-

#### Acute toxicity estimates

Route	ATE value
Oral	17081.2 mg/kg

#### Irritation/Corrosion

There is no data available.

#### **Sensitisation**

There is no data available.

#### **Carcinogenicity**

There is no data available.

#### Specific target organ toxicity (single exposure)

There is no data available.

#### Specific target organ toxicity (repeated exposure)

There is no data available.

#### **Aspiration hazard**

There is no data available.

Information on the likely	: Dermal contact. Eye contact. Inhalation. Ingestion.
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### routes of exposure

Potential acute health effects		
Eye contact	4	No known significant effects or critical hazards.
Inhalation	1	Harmful by inhalation. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	1	No known significant effects or critical hazards.
Ingestion	1	Harmful if swallowed.

Symptoms related to the	the physical, chemical and toxicological characteristics
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

### Delayed and immediate effects and also chronic effects from short and long term exposure

<u>Short term exposure</u>	
Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.
<u>Long term exposure</u>	

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# **SECTION 11: Toxicological information**

		-
Potential immediate effects	:	No known significant effects or critical hazards.
Potential delayed effects	1	No known significant effects or critical hazards.
Potential chronic health effe	ct	<u>5</u>
General	1	No known significant effects or critical hazards.
Carcinogenicity	1	No known significant effects or critical hazards.
Mutagenicity	1	No known significant effects or critical hazards.
Teratogenicity	1	No known significant effects or critical hazards.
Developmental effects	1	No known significant effects or critical hazards.
Fertility effects	1	No known significant effects or critical hazards.

Other information

: Not available.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

There is no data available.

#### 12.2 Persistence and degradability

There is no data available.

#### **12.3 Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Butene, homopolymer (products derived from either/or But-1-ene/But-2-ene)		314 to 1882	high

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment			
PBT	:	Not applicable.	
vPvB	1	Not applicable.	

**12.6 Other adverse effects** : No known significant effects or critical hazards.

# **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**



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# **SECTION 13: Disposal considerations**

Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should 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	: The classification of the product may meet the criteria for a hazardous waste.
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.
Special precautions	<ul> <li>This material and its container must be disposed of in a safe way. Care should be taken when handling empty 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.</li> </ul>

# **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

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 according to Annex II of MARPOL 73/78 and the IBC Code

: Not available.



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SECTION 15: Regulatory information				
15.1 Safety, health and env	ironmental regulations/legislation specific for the substance or mixture			
EU Regulation (EC) No. 1	<u>907/2006 (REACH)</u>			
Annex XIV - List of subs	tances subject to authorisation			
Annex XIV				
None of the components	are listed.			
Substances of very hig	<u>h concern</u>			
None of the components	are listed.			
Annex XVII - Restriction on the manufacture, placing on the market and use of certain	s : Not applicable.			
dangerous substances,				
mixtures and articles				
Other EU regulations				
Europe inventory	: All components are listed or exempted.			
Seveso II Directive	led under the Courses II Directive			
•	led under the Seveso II Directive.			
International lists				
<u>National inventory</u> Australia	All components are listed or everyted			
Canada	: All components are listed or exempted.			
China	: All components are listed or exempted.			
	<ul> <li>All components are listed or exempted.</li> <li>Not determined.</li> </ul>			
Japan Meleveie				
Malaysia New Zealand	: Not determined.			
	: All components are listed or exempted.			
Philippines	: All components are listed or exempted.			
Republic of Korea	: All components are listed or exempted.			
Taiwan	: Not determined.			
United States	: All components are listed or exempted.			
15.2 Chemical Safety Assessment	: This product contains substances for which Chemical Safety Assessments are still required.			
<b>SECTION 16: Other</b>	information			

#### S information

Abbreviations and acronyms :	ATE = Acute Toxicity Estimate
	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

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Irrit. 2, H315 Eye Irrit. 2, H319

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## **SECTION 16: Other information**

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

Skin Irrit. 2, H315 Eye Irrit. 2, H319 Full text of abbreviated H		Calculation method Calculation method	
Full text of abbreviated H			
statements	H302 H304 H314 H315 H318 H319 H413	Harmful if swallowed. May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage. Causes skin irritation. Causes serious eye damage. Causes serious eye irritation. May cause long lasting harmful effects to aquatic life.	
Full text of classifications [CLP/GHS]	<ul> <li>Acute Tox. 4, H302</li> <li>Aquatic Chronic 4, H413</li> <li>Asp. Tox. 1, H304</li> <li>Eye Dam. 1, H318</li> <li>Eye Irrit. 2, H319</li> <li>Skin Corr. 1A, H314</li> <li>Skin Irrit. 2, H315</li> </ul>	ACUTE TOXICITY (oral) - Category 4 LONG-TERM AQUATIC HAZARD - Category 4 ASPIRATION HAZARD - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 1A SKIN CORROSION/IRRITATION - Category 2	
Full text of abbreviated R phrases	R20/22- Harmful by inhalation and if swallowed. R65- Harmful: may cause lung damage if swallowed. R38- Irritating to skin. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.		
History Date of issue (dd/mm/yyyy) Version Notice to reader	: 15/04/2015 : 1		

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

