SAFETY DATA SHEET
PYGAR NATURAL INSECTICIDE

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name	PYGAR NATURAL INSECTICIDE
Product No.	PYGAR

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

Identified uses	Biocidal products (e.g. disinfectants, pest control).

1.3. Details of the supplier of the safety data sheet

Supplier

PelGar International (NZ) Ltd
PO Box 11825
Ellerslie
Auckland 1022
New Zealand
+44 1420 80744
www.pelgar.co.uk

1.4. Emergency telephone number

+64 (0) 21 670 105 : gerwyn@pelgar.co.uk

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xn;R65. N;R51/53. R66.

2.2. Label elements

Contains HYDROCARBONS, C12-C16, ISOALKANES, CYCLICS, < 2% AROMATICS
HYDROCARBONS, C11-C13, ISOALKANES, < 2% AROMATICS

Labelling

Harmful

Dangerous for the environment

Risk Phrases

R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

Safety Phrases

S23	Do not breathe vapour/spray.
S37	Wear suitable gloves.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

HYDROCARBONS, C12-C16, ISOALKANES, CYCLICS, < 2% AROMATICS		60-100%
CAS-No.:	EC No.: 927-676-8	Registration Number: 01-2119456377-30-0000

Classification (EC 1272/2008)	Classification (67/548/EEC)
EUH066 Asp. Tox. 1 - H304	Xn;R65. R66.

HYDROCARBONS, C11-C13, ISOALKANES, < 2% AROMATICS		10-30%
CAS-No.:	EC No.: 920-901-0	Registration Number: 01-2119456810-40-xxxx

Classification (EC 1272/2008)	Classification (67/548/EEC)
EUH066 Asp. Tox. 1 - H304	Xn;R65. R66.

PIPERONYL BUTOXIDE		1% w/v min
CAS-No.: 51-03-6	EC No.: 200-076-7	Registration Number: 01-2119537431-46-0000

Classification (EC 1272/2008)	Classification (67/548/EEC)
Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	N;R50/53.

2,6-DI-TERT-BUTYL-P-CRESOL		< 1%
CAS-No.: 128-37-0	EC No.: 204-881-4	Registration Number: 01-2119480433-40-XXXX

Classification (EC 1272/2008)	Classification (67/548/EEC)
Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	N;R50/53.

PYRETHRINS AND PYRETHROIDS		0.1% w/v min
CAS-No.: 8003-34-7	EC No.: 232-319-8	

Classification (EC 1272/2008)	Classification (67/548/EEC)
Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Xn;R20/21/22. N;R50/53.

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

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Remove affected person from source of contamination. CAUTION! First aid personnel must be aware of own risk during rescue! Place unconscious person on the side in the recovery position and ensure breathing can take place.

Inhalation

Move the exposed person to fresh air at once. Get medical attention. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. If breathing stops, provide artificial respiration.

Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Get medical attention immediately! If breathing stops, provide artificial respiration.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

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

Inhalation.

Headache. Nausea, vomiting.

Ingestion

Numbness. Confusion, agitation and/or excitation. Muscle twitching. Convulsive disorders, CNS problems. Respiratory failure, death.

Skin contact

Redness. Pain.

Eye contact

Redness. Pain.

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

No specific chemical antidote is known to be required after exposure to this product. Treat symptomatically. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

During fire, toxic gases (CO, CO_2) are formed.

Specific hazards

Dike and collect extinguishing water. Avoid releasing to the environment. Do not discharge into drains, water courses or onto the ground.

5.3. Advice for firefighters

Special Fire Fighting Procedures

In case of fire and/or explosion do not breathe fumes

Protective equipment for fire-fighters

Wear full protective clothing (EN 469). Self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Warn everybody of potential hazards and evacuate if necessary.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Stop leak if possible without risk.

6.3. Methods and material for containment and cleaning up

Absorb with sand or other inert absorbent. Dike far ahead of larger spills for later disposal. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. This material and its container must be disposed of as hazardous waste.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

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7.1. Precautions for safe handling

Handle and open container with care. Wear protective clothing as described in Section 8 of this safety data sheet. Do not release into the environment. Do not allow to enter drains, sewers or watercourses. Do not eat, drink or smoke when using the product. Wash hands after handling. Remove contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials listed in section 10 of this safety data sheet. Keep out of the reach of children.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2,6-DI-TERT-BUTYL-P-CRESOL	WEL		10 mg/m3			
2,6-DI-TERT-BUTYL-P-CRESOL	WEL		10 mg/m3			
PYRETHRINS AND PYRETHROIDS	WEL		1 mg/m3			

WEL = Workplace Exposure Limit.

PIPERONYL BUTOXIDE (CAS: 51-03-6)

DNEL				
Industry	Dermal	Short Term	Systemic Effects	55.556 mg/kg/day
Industry	Inhalation.	Short Term	Systemic Effects	7.75 mg/m3
Industry	Dermal	Short Term	Local Effects	444 µg/cm2
Industry	Inhalation.	Short Term	Local Effects	3.875 mg/m3
Industry	Dermal	Long Term	Systemic Effects	27.778 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	3.875 mg/m3
Industry	Dermal	Long Term	Local Effects	444 µg/cm2
Industry	Inhalation.	Long Term	Local Effects	0.222 mg/m3
PNEC				
Freshwater	0.003	mg/l		
Marinewater	0.0003	mg/l		
Intermittent release	0.0003	mg/l		
STP	10	mg/l		
Sediment (Freshwater)	0.0194	mg/kg		
Sediment (Marinewater)	0.00194	mg/kg		
Soil	0.136	mg/kg		
Oral	12.53	mg/kg food		

8.2. Exposure controls

Engineering measures

Provide adequate ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided. Use respiratory equipment with gas filter, type A2. (EN 140/143)

Hand protection

Wear protective gloves (EN 374).

Eye protection

Avoid contact with eyes. Wear approved safety goggles (EN 166).

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

Thermal hazards

No data available.

Environmental Exposure Controls

Do not release into the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless to pale yellow.
Odour	Hydrocarbon.

Initial boiling point and boiling range

Not available.

Melting point (°C)

Not available.

Relative density	0.7 - 0.86 (target 0.794) @ 20°C

Vapour density (air=1)

Not available.

Vapour pressure

Not available.

Evaporation rate

Not available.

Viscosity

Not available.

Solubility Value (G/100G H2O@20°C)

Not available.

Decomposition temperature (°C)

Not available.

Odour Threshold, Lower

Not available.

Odour Threshold, Upper

Not available.

Flash point	> 65°C ISO 3679

Auto Ignition Temperature (°C)

Not available.

Flammability Limit - Lower(%)

Not available.

Flammability Limit - Upper(%)

Not available.

Partition Coefficient (N-Octanol/Water)

Not relevant

Explosive properties

Not available.

Oxidising properties

Not available.

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

None known.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

Classification according to Directive 1999/45/EC.

Acute toxicity:

Acute Toxicity (Oral LD50)

Calculation method.

Based on available data the classification criteria are not met.

Acute Toxicity (Dermal LD50)

Calculation method.

Based on available data the classification criteria are not met.

Acute Toxicity (Inhalation LC50)

Calculation method.

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Calculation method. Based on available data the classification criteria are not met.

Serious eye damage/irritation:

Calculation method. Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Skin sensitisation

Calculation method.

Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Calculation method.

Genotoxicity - In Vivo

Calculation method.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

Calculation method.

Based on available data the classification criteria are not met.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Calculation method.

Reproductive Toxicity - Development

Calculation method.

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure:

STOT - Single exposure

Calculation method.

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

Calculation method.

Based on available data the classification criteria are not met.

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Aspiration hazard:

Viscosity

Calculation method.

Harmful: may cause lung damage if swallowed.

General information

Repeated exposure may cause skin dryness or cracking.

Toxicological information on ingredients.

PYGAR NATURAL INSECTICIDE

PIPERONYL BUTOXIDE (CAS: 51-03-6)

Acute toxicity:

Acute Toxicity (Oral LD50)

5360 mg/kg Rat

REACH dossier information

Based on available data the classification criteria are not met.

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

REACH dossier information

Based on available data the classification criteria are not met.

Acute Toxicity (Inhalation LC50)

> 5.9 mg/l (dust/mist) Rat 4 hours

REACH dossier information

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Erythema\eschar score

No erythema (0).

Oedema score

No oedema (0).

REACH dossier information

Based on available data the classification criteria are not met.

Serious eye damage/irritation:

Not Irritating. REACH dossier information Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Respiratory sensitisation

Data lacking.

Skin sensitisation

Buehler test: Guinea Pig

REACH dossier information

Not Sensitising. Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Genotoxicity - In Vivo

Chromosome aberration:

REACH dossier information

Negative.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

NOAEL 30 mg/kg/day Oral Rat

REACH dossier information

Based on available data the classification criteria are not met.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Two-generation study: NOAEL 1000 ppm Oral Rat P

REACH dossier information

Based on available data the classification criteria are not met.

Reproductive Toxicity - Development

Maternal toxicity: NOAEL 200 mg/kg/day Oral Rat

REACH dossier information

No reproductive or developmental effects occurred at non-parentally toxic doses. Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure:

STOT - Single exposure

Data lacking.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 15.5 mg/kg Oral

REACH dossier information

Based on available data the classification criteria are not met.

Aspiration hazard:

Not relevant, due to the form of the product.

PYGAR NATURAL INSECTICIDE

PYRETHRINS AND PYRETHROIDS (CAS: 8003-34-7)

Acute toxicity:

Acute Toxicity (Oral LD50)

1030 mg/kg Rat

Harmful if swallowed.

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rat

Harmonised classification.

Harmful in contact with skin.

Acute Toxicity (Inhalation LC50)

2.5 mg/l (dust/mist) Rat 4 hours

Harmful if inhaled.

Skin Corrosion/Irritation:

Not irritating. Based on available data the classification criteria are not met.

Serious eye damage/irritation:

Not Irritating. Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Not Sensitising.

Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Non-genotoxic.

Based on available data the classification criteria are not met.

Carcinogenicity:

No evidence of carcinogenicity in animal studies

Based on available data the classification criteria are not met.

Reproductive Toxicity:

No reproductive or developmental effects occurred at non-parentally toxic doses.

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure:

No data available.

Specific target organ toxicity - repeated exposure:

Based on available data the classification criteria are not met.

Aspiration hazard:

Based on available data the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Classification according to Directive 1999/45/EC. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Ecological information on ingredients.

PIPERONYL BUTOXIDE (CAS: 51-03-6)

Acute Toxicity - Fish

LC50 96 hours = 3.94 mg/l

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours = 0.51 mg/l Daphnia magna

REACH dossier information

Acute Toxicity - Aquatic Plants

ErC50 72 hours = 3.89 mg/l Selenastrum capricornutum

REACH dossier information

Chronic Toxicity - Fish Early life Stage

NOEC 35 days = 0.18 mg/l Pimephales promelas (Fat-head Minnow)

REACH dossier information

Chronic Toxicity - Aquatic Invertebrates

NOEC 21 days = 0.03 mg/l

REACH dossier information

PYRETHRINS AND PYRETHROIDS (CAS: 8003-34-7)

Acute Toxicity - Fish

LC50 96 hours = 0.0052 mg/l Onchorhynchus mykiss (Rainbow trout)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours = 0.012 mg/l Daphnia magna

Chronic Toxicity - Fish Early life Stage

NOEC 35 days = 0.0019 mg/l Pimephales promelas (Fat-head Minnow)

Chronic Toxicity - Aquatic Invertebrates

NOEC 21 days = 0.00086 mg/l Daphnia magna

12.2. Persistence and degradability

Ecological information on ingredients.

PIPERONYL BUTOXIDE (CAS: 51-03-6)

Degradability

The product is not readily biodegradable.

Phototransformation

Air. Degradation (50%) = 3.6 hours

REACH dossier information

Water DT50 = 8.4 hours

REACH dossier information

Stability (Hydrolysis)

pH7 Half-life: > 500 days @ 25°C

REACH dossier information

PYRETHRINS AND PYRETHROIDS (CAS: 8003-34-7)

Degradability

The product is not readily biodegradable.

Biodegradation

Soil DT50 (lab) = 8.35 days

Water DT50 = 10.5 days

12.3. Bioaccumulative potential

Partition coefficient

Not relevant

Ecological information on ingredients.

PIPERONYL BUTOXIDE (CAS: 51-03-6)

Bioaccumulation factor

BCF = 380 Lepomis macrochirus (Bluegill)

REACH dossier information

Partition coefficient

log Pow = 4.8

REACH dossier information

PYRETHRINS AND PYRETHROIDS (CAS: 8003-34-7)

Bioaccumulation factor

BCF = 471 (Whole fish)

Partition coefficient

log Pow = 4.30 - 6.42

12.4. Mobility in soil

Ecological information on ingredients.

PIPERONYL BUTOXIDE (CAS: 51-03-6)

Mobility:

Semi-mobile.

Adsorption/Desorption Coefficient

Soil Koc = 830

REACH dossier information

PYRETHRINS AND PYRETHROIDS (CAS: 8003-34-7)

Mobility:

Not considered mobile.

Adsorption/Desorption Coefficient

Koc = 35171

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients.

PIPERONYL BUTOXIDE (CAS: 51-03-6)

Not Classified as PBT/vPvB by current EU criteria.

PYRETHRINS AND PYRETHROIDS (CAS: 8003-34-7)

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Ecological information on ingredients.

PIPERONYL BUTOXIDE (CAS: 51-03-6)

Not available.

PYRETHRINS AND PYRETHROIDS (CAS: 8003-34-7)

Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

13.1. Waste treatment methods

Waste is suitable for incineration. Contact specialist disposal companies. Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN)	3082
UN No. (IMDG)	3082

UN No. (ICAO)	3082

14.2. UN proper shipping name

Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name	(contains pyrethrins)

14.3. Transport hazard class(es)

ADR/RID/ADN Class	9
ADR Label No.	9
IMDG Class	9
ICAO Class/Division	9

Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6. Special precautions for user

EMS	F-A, S-F
Emergency Action Code	•3Z
Hazard No. (ADR)	90
Tunnel Restriction Code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

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Health and Environmental Listings

Regulation EC 2037/2000 on substances that deplete the ozone layer. Regulation EC 689/2008 concerning the export and import of dangerous chemicals. None of the ingredients are listed.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

PBT - Persistent, bioaccumulative and toxic. vPvB - Very persistent and very bioaccumulative EN - European standard adopted by the European Committee for Standardisation.

Information Sources

The International Union of Pure and Applied Chemistry (IUPAC) pesticide properties database - http://sitem.herts.ac.uk/aeru/iupac/index.htm International Chemical Safety Card. World Health Organisation (WHO)/Food and Agriculture Organisation of the United Nations (FAO) Pesticide Data Sheet. Available from www.inchem.org. Directive 98/8/EC concerning the placing biocidal products on the market. Inclusion of active substances in Annex I or IA to Directive 98/8/EC. Assessment report. Rapporteur Member State assessment reports submitted for the EU peer review of active substances used in plant protection products, Draft Assessment Report - http://dar.efsa.europa.eu/dar-web/provision. Review report for active substances by the Directorate General for Health and Consumer Affairs (DG SANCO) - http://ec.europa.eu/sanco_pesticides/public/index.cfm?event=activesubstance.selection Disseminated REACH registration dossier - http://apps.echa.europa.eu/registered/registered-sub.aspx United States National Library of Medicine Hazardous Substances Data Bank (HSDB) - http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB Supplier safety data sheet (SDS).

Revision Comments

This is first issue.

Revision Date	21/04/2016
Revision	0

Risk Phrases In Full

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H304	May be fatal if swallowed and enters airways.
EUH066	Repeated exposure may cause skin dryness or cracking.
H411	Toxic to aquatic life with long lasting effects.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.