Safety Data Sheet

Version: 3.0

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 07/08/2015 Revision date:

Rentokil

SECTION 1. Identification of th	a substance/mixture and of the company/undertaking
1.1. Product identifier	he substance/mixture and of the company/undertaking
Product name	: INSECTROL MOTH KILLER
Brand	: RENTOKIL
Product code	: PSI37 250ml
Type of product	: Biocide
<u>, , , , , , , , , , , , , , , , , , , </u>	
Registration No	HSE 8546, PCS 95222
Vaporizer	: Aerosol
Product form	: Mixture
1.2. Relevant identified uses of t	he substance or mixture and uses advised against
1.2.1. Relevant identified uses	
Intended for general public	
Use of the substance/mixture	: An insecticidal space and surface spray for use by amateurs for the control of moths, flies, wasps and mosquitos in the home.
Main use category	: Consumer use
Use of the substance/mixture	: Insecticide
1.2.2. Uses advised against	
No additional information available	
1.3. Details of the supplier of the	safety data sheet
Supplier Rentokil Initial Supplies Liverpool L33 7SR UK	

Product advice line: +44 (0)151 548 5050 Email: sds@rentokil.com

1.4. **Emergency telephone number**

Country	Organisation/Company	Address	Emergency number
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road Dublin 9	+353 1 809 2166 (public, 8am - 10pm, 7/7)
UNITED KINGDOM	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road Birmingham B18 7QH	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)

SECTION 2: Hazards identification

Classification of the substance or mixture 2.1.

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

H222;H229 Aerosol 1 Aquatic Acute 1 H400 Aquatic Chronic 1 H410

Full text of H-statements: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F+; R12 N; R50/53 Full text of R-phrases: see section 16

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Adverse physicochemical, human health and environmental effects

No additional information available

2.2.

Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP) GHS02 GHS09 Signal word (CLP) : Danger Hazard statements (CLP) : H222 - Extremely flammable aerosol H229 - Pressurised container: May burst if heated H410 - Very toxic to aquatic life with long lasting effects Precautionary statements (CLP) P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking P211 - Do not spray on an open flame or other ignition source P251 - Do not pierce or burn, even after use P273 - Avoid release to the environment

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F P501 - Dispose of contents/container to normal household waste. However if used in a place of work any product and empty container must be disposed of as controlled waste.

Other hazards 2.3.

No additional information available

SECTION 3: Composition/information on ingredients

Substance 3.1.

Not applicable

3.2. **Mixture**

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Petroleum gases, liquefied, Petroleum gas, [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).] substance with national workplace exposure limit(s) (GB, IE)	(CAS No) 68476-85-7 (EC no) 270-704-2 (EC index no) 649-202-00-6	>= 25	F+; R12
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics	(EC no) 926-141-6	5 - 25	Xn; R65 R66
Tetramethrin	(CAS No) 7696-12-0 (EC no) 231-711-6	0.3	N; R50/53
d-Phenothrin	(CAS No) 188023-86-1 (EC no) 247-404-5	0.15	N; R50/53
1,3-butadiene, buta-1,3-diene substance with national workplace exposure limit(s) (GB, IE)	(CAS No) 106-99-0 (EC no) 203-450-8 (EC index no) 601-013-00-X	< 0.1	F+; R12 Carc.Cat.1; R45 Muta.Cat.2; R46
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Petroleum gases, liquefied, Petroleum gas, [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).] substance with national workplace exposure limit(s) (GB, IE)	(CAS No) 68476-85-7 (EC no) 270-704-2 (EC index no) 649-202-00-6	>= 25	Flam. Gas 1, H220 Liquefied gas, H280
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics	(EC no) 926-141-6	5 - 25	Asp. Tox. 1, H304
Tetramethrin	(CAS No) 7696-12-0 (EC no) 231-711-6	0.3	Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)
d-Phenothrin	(CAS No) 188023-86-1 (EC no) 247-404-5	0.15	Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410
1,3-butadiene, buta-1,3-diene substance with national workplace exposure limit(s) (GB, IE)	(CAS No) 106-99-0 (EC no) 203-450-8 (EC index no) 601-013-00-X	< 0.1	Flam. Gas 1, H220 Press. Gas Carc. 1A, H350 Muta. 1B, H340

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of R- and H-statements: see section 16

SECTI	ON 4: First aid measures	
4.1.	Description of first aid measures	
First-aid	measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid	measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Allow breathing of fresh air. Allow the victim to rest.
First-aid	measures after skin contact	 Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid	measures after eye contact	 Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid	measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2.	Most important symptoms and effects	s, both acute and delayed
Sympton	ns/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3.	-	attention and special treatment needed
Treat syr	nptomatically.	
SECTI	ON 5: Firefighting measures	
5.1.	Extinguishing media	
Suitable	extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitab	le extinguishing media	: Do not use a heavy water stream.
5.2.	Special hazards arising from the subs	stance or mixture
Fire haza	ard	:Extremely flammable aerosol.
5.3.	Advice for firefighters	
Firefighti	ng instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protectio	n during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other inf	ormation	: Do not allow run-off from fire fighting to enter drains or water courses.
SECTI	ON 6: Accidental release meas	ures
SECTI 6.1.	ON 6: Accidental release meas Personal precautions, protective equi	
6.1. 6.1.1.	Personal precautions, protective equi	
6.1. 6.1.1.	Personal precautions, protective equi For non-emergency personnel	pment and emergency procedures
6.1. 6.1.1. Emerger 6.1.2.	Personal precautions, protective equi For non-emergency personnel acy procedures	pment and emergency procedures
6.1. 6.1.1. Emerger 6.1.2. Protectiv	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment	pment and emergency procedures : Evacuate unnecessary personnel.
6.1. 6.1.1. Emerger 6.1.2. Protectiv	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection.
6.1. 6.1.1. Emerger 6.1.2. Protectiv Emerger 6.2.	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment acy procedures Environmental precautions	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection.
6.1. 6.1.1. Emerger 6.1.2. Protectiv Emerger 6.2.	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment acy procedures Environmental precautions	 ipment and emergency procedures Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.
 6.1. 6.1.1. Emerger 6.1.2. Protectiv Emerger 6.2. Prevent of 6.3. 	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment acy procedures Environmental precautions entry to sewers and public waters. Notify a Methods and material for containment	 ipment and emergency procedures Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.
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 6.1. 6.1.1. Emerger 6.1.2. Protectiv Emerger 6.2. Prevent of 6.3. Methods 6.4. See also 	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment acy procedures Environmental precautions entry to sewers and public waters. Notify a Methods and material for containment for cleaning up Reference to other sections sections 8 and 13. Exposure controls and	 ipment and emergency procedures Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. authorities if liquid enters sewers or public waters. Avoid release to the environment. t and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
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 6.1. 6.1.1. Emerger 6.1.2. Protectiv Emerger 6.2. Prevent of 6.3. Methods 6.4. See also SECTION 7.1. Precaution 7.2. 	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment acy procedures Environmental precautions entry to sewers and public waters. Notify a Methods and material for containment for cleaning up Reference to other sections sections 8 and 13. Exposure controls and ON 7: Handling and storage Precautions for safe handling ons for safe handling	 ipment and emergency procedures i Evacuate unnecessary personnel. i Equip cleanup crew with proper protection. i Ventilate area. authorities if liquid enters sewers or public waters. Avoid release to the environment. t and cleaning up i Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. d personal protection. Disposal considerations. i Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. c any incompatibilities i Protect from heat and direct sunlight. Keep out of reach of children. Keep only in the original container in a cool well ventilated place. Keep away from food, drink and animal feedingstuffs.
 6.1. 6.1.1. Emerger 6.1.2. Protectiv Emerger 6.2. Prevent of 6.3. Methods 6.4. See also SECTION 7.1. Precaution 7.2. Storage of 	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment acy procedures Environmental precautions entry to sewers and public waters. Notify a Methods and material for containment for cleaning up Reference to other sections sections 8 and 13. Exposure controls and ON 7: Handling and storage Precautions for safe handling ons for safe handling Conditions for safe storage, including	 ipment and emergency procedures i Evacuate unnecessary personnel. i Equip cleanup crew with proper protection. i Ventilate area. authorities if liquid enters sewers or public waters. Avoid release to the environment. t and cleaning up i Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. d personal protection. Disposal considerations. : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. g any incompatibilities : Protect from heat and direct sunlight. Keep out of reach of children. Keep only in the original
6.1. 6.1.1. Emerger 6.1.2. Protectiv Emerger 6.2. Prevent of 6.3. Methods 6.4. See also SECTION 7.1. Precaution 7.2. Storage of Incompan	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment acy procedures Environmental precautions entry to sewers and public waters. Notify a Methods and material for containment for cleaning up Reference to other sections sections 8 and 13. Exposure controls and ON 7: Handling and storage Precautions for safe handling ons for safe handling Conditions for safe storage, including conditions	 ipment and emergency procedures i Evacuate unnecessary personnel. i Equip cleanup crew with proper protection. i Ventilate area. authorities if liquid enters sewers or public waters. Avoid release to the environment. t and cleaning up i Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. d personal protection. Disposal considerations. i Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. c any incompatibilities i Protect from heat and direct sunlight. Keep out of reach of children. Keep only in the original container in a cool well ventilated place. Keep away from food, drink and animal feedingstuffs.
6.1. 6.1.1. Emerger 6.1.2. Protectiv Emerger 6.2. Prevent of 6.3. Methods 6.4. See also SECTION 7.1. Precaution 7.2. Storage of Incompan	Personal precautions, protective equi For non-emergency personnel acy procedures For emergency responders e equipment acy procedures Environmental precautions entry to sewers and public waters. Notify a Methods and material for containment for cleaning up Reference to other sections sections 8 and 13. Exposure controls and ON 7: Handling and storage Precautions for safe handling ons for safe handling Conditions for safe storage, including conditions	 pment and emergency procedures Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. authorities if liquid enters sewers or public waters. Avoid release to the environment. t and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. d personal protection. Disposal considerations. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. any incompatibilities Protect from heat and direct sunlight. Keep out of reach of children. Keep only in the original container in a cool well ventilated place. Keep away from food, drink and animal feedingstuffs. Strong bases. Strong acids.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Petroleum gases, liquefied, Petroleum gas, [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).] (68476-85-7)

Ireland	Local name	Liquefied petroleum gas (LPG)
Ireland	OEL (8 hours ref) (mg/m³)	1800 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	1000 ppm
Ireland	OEL (15 min ref) (mg/m3)	2250 mg/m ³
Ireland	OEL (15 min ref) (ppm)	1250 ppm
United Kingdom	Local name	Liquefied petroleum gas
United Kingdom	WEL TWA (mg/m³)	1750 mg/m³
United Kingdom	WEL TWA (ppm)	1000 ppm
United Kingdom	WEL STEL (mg/m ³)	2180 mg/m ³
United Kingdom	WEL STEL (ppm)	1250 ppm
United Kingdom	Remark (WEL)	Carc (only applies if LPG contains more than 0.1% of buta-1,3-diene)
1,3-butadiene, buta-1,3-die	ne (106-99-0)	
Ireland	Local name	Buta-1,3-diene
Ireland	OEL (8 hours ref) (mg/m³)	2.2 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	1 ppm
Ireland	Notes (IE)	Carc1A, Muta1B
United Kingdom	Local name	Buta-1,3-diene
United Kingdom	WEL TWA (mg/m ³)	22 mg/m ³
United Kingdom	WEL TWA (ppm)	10 ppm
United Kingdom	Remark (WEL)	Carc

8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure.		
Hand protection	: None necessary during normal handling and use.		
Eye protection	: None necessary during normal handling and use.		
Skin and body protection	: None necessary during normal handling and use.		
Respiratory protection	: None necessary during normal handling and use.		
Other information	: Do not eat, drink or smoke during use.		

9.1. Information on basic physical and	I chemical properties
Physical state	: Liquid
Appearance	: Colourless liquid.
Colour	: Colourless.
Ddour	: fragranced.
Odour threshold	: No data available
ЪН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: -20 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	Extremely flammable aerosol,Non flammable
∕apour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
Additional information	: Discharge rate 1.7g/sec at 20degreesC. Net fill weight (for aerosols) 232g.

SECTION 10: Stability and reactivity		
10.1. Reactivity		
The product is stable at normal handling and stora	ge conditions.	
10.2. Chemical stability		
Extremely flammable aerosol.		
10.3. Possibility of hazardous reactions		
	are conditione	
The product is stable at normal handling and stora		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperature	S.	
10.5. Incompatible materials		
Do not spray on naked flame or any incandescent	material. Strong acids. Strong bases.	
10.6. Hazardous decomposition products		
Fume. Carbon monoxide. Carbon dioxide.		
SECTION 11: Toxicological information	n	
11.1. Information on toxicological effects		
	: Not classified	
,		
d-Phenothrin (188023-86-1)		
LD50 oral rat	5000 mg/kg	
LD50 dermal	≥ 2000 g/kg	
LC50 inhalation rat (mg/l)	≥ 2.1 mg/l/4h	
ATE CLP (oral)	5000.000 mg/kg bodyweight	
ATE CLP (vapours) ATE CLP (dust,mist)	2.100 mg/l/4h 2.100 mg/l/4h	
	2.100 mg/#40	
2-Tert-butyl-cyclohexyl acetate (88-41-5)		
LD50 oral rat LD50 dermal rabbit	4600 mg/kg	
ATE CLP (oral)	> 5000 mg/kg 4600.000 mg/kg bodyweight	
Butylphenylmethylpropional (80-54-6) ATE CLP (oral)	500.000 mg/kg bodyweight	
4-tert-Butylcyclohexyl acetate (32210-23-4)		
LD50 oral rat	5000 mg/kg	
ATE CLP (oral)	5000.000 mg/kg bodyweight	
Nerol (106-25-2)		
LD50 oral rat	4500 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg 4500.000 mg/kg bodyweight	
ATE CLP (oral)		
4-(2,6,6-Trimethylcyclohex-1-en-1-yl)but-3-en-		
LD50 oral rat ATE CLP (oral)	4590 mg/kg 4590.000 mg/kg bodyweight	
Geraniol (106-24-1)		
LD50 oral rat	3600 mg/kg	
LD50 dermal rabbit ATE CLP (oral)	> 5000 3600.000 mg/kg bodyweight	
Sodium Benzoate (532-32-1)		
LD50 oral rat	> 2000 mg/kg	
LD50 dermal rat	> 2000 mg/kg	
07/08/201E		

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Sodium Benzoate (532-32-1)		
LC50 inhalation rat (Dust/Mist - mg/l/4h)	12.2 mg/l/4h	
Sodium nitrite (7632-00-0)		
ATE CLP (oral)	100.000 mg/kg bodyweight	
Skin corrosion/irritation	: Not classified	
	Based on available data, the classification criteria are not met	
Serious eye damage/irritation	: Not classified	
	Based on available data, the classification criteria are not met	
Respiratory or skin sensitisation	: Not classified	
	Based on available data, the classification criteria are not met	
Germ cell mutagenicity	: Not classified	
	Based on available data, the classification criteria are not met	
Carcinogenicity	: Not classified	
	Based on available data, the classification criteria are not met	
Reproductive toxicity	: Not classified	
	Based on available data, the classification criteria are not met	
Specific target organ toxicity (single exposure)	: Not classified	
	Based on available data, the classification criteria are not met	
Specific target organ toxicity (repeated	: Not classified	
exposure)	Based on available data, the classification criteria are not met	
Aspiration hazard	: Not classified	
	Based on available data, the classification criteria are not met	
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.	
symptoms		
SECTION 12: Ecological information		
12.1. Toxicity		
Ecology - water	: Very toxic to aquatic life with long lasting effects.	
d-Phenothrin (188023-86-1)		
LC50 fish 1	2.7 μg/l	
EC50 Daphnia 1	4.3 μg/l	
Tetremethrin (7606 42 0)	·	

Tetramethrin (7696-12-0)		
LC50 fish 1	0.0037 mg/l	
EC50 Daphnia 1	0.11 mg/l	
LC50 other aquatic organisms 2	0.94 mg/l	
4-(2,6,6-Trimethylcyclohex-1-en-1-yl)but-3-en-2-one (14901-07-6)		
LC50 fish 1	5.09 mg/l Pimephales promelas (fathead minnow) - 96.0 h	
Geraniol (106-24-1)		
LC50 fish 1	22 mg/l Brachydanio rerio (zebra-fish)	
EC50 Daphnia 1	10.8 mg/l EC50 48h - Daphnia magna [mg/l]	
ErC50 (algae)	13.1 mg/l Desmodesmus subspicatus	

12.2. Persistence and degradability **INSECTROL MOTH KILLER** Persistence and degradability May cause long-term adverse effects in the environment. 12.3. **Bioaccumulative potential INSECTROL MOTH KILLER** Not established. Bioaccumulative potential 4-(2,6,6-Trimethylcyclohex-1-en-1-yl)but-3-en-2-one (14901-07-6) Log Pow 3.012 Geraniol (106-24-1) Log Pow 2.5 - 25 °C 12.4. Mobility in soil No additional information available **Results of PBT and vPvB assessment** 12.5. No additional information available

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.6. Other adverse effects	
Additional information	: Avoid release to the environment
SECTION 13: Disposal consideration	tions
13.1. Waste treatment methods	
Waste disposal recommendations	: This product is for amateur use and can be disposed of as normal household waste. However, if used in a place of work, any product and empty container must be disposed of as controlled waste.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport informati	on
In accordance with ADR / RID / IMDG / IATA	ADN
14.1. UN number	
UN-No. (ADR)	: 1950
UN-No. (IATA)	: 1950
UN-No. (IMDG)	: 1950
UN-No. (ADN)	: 1950
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: AEROSOLS
Proper Shipping Name (IATA)	: Aerosols, flammable
Proper Shipping Name (IMDG)	: AEROSOLS
Proper Shipping Name (ADN)	: AEROSOLS
Transport document description (ADR)	: UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)	
Class (ADR)	: 2
Classification code (ADR)	: 5F
Class (IATA)	: 2
Class (IMDG)	: 2
Class (ADN)	: 2
Classification code (ADN)	: 5F
Danger labels (ADR)	
Division (IATA)	: 2.1
Hazard labels (IATA)	: 2.1, Y
Danger labels (IMDG)	: 2.1,
Danger labels (ADN)	: 2.1,
14.4. Packing group	
Not applicable	

Not applicable

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.5. Environmental hazards	
Dangerous for the environment	: Yes
Marine pollutant	: Yes
Other information	: No supplementary information available.
14.6. Special precautions for user	
14.6.1. Overland transport	
Classification code (ADR)	: 5F
Special provisions (ADR)	: 190, 327, 344, 625
Transport category (ADR)	: 2
Tunnel restriction code (ADR)	: D
Limited quantities (ADR)	: 11
Excepted quantities (ADR)	: E0
14.6.2. Transport by sea	
Special provisions (IMDG)	: 63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	: SP277
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P207, LP02
Special packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None
Stowage and segregation (IMDG)	Protected from sources of heat For AEROSOLS with a maximum capacity of 1 litre: Category A. Segregation as for class 9 but 'Separated from' class 1 except division 1.4. For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2. For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.
14.6.3. Air transport	
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
PCA packing instructions (IATA)	: 203
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA max net quantity (IATA)	: 75kg
PCA Excepted quantities (IATA)	: E0
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L
14.6.4. Inland waterway transport	
Special provisions (ADN)	: 19, 327, 344, 625
Limited quantities (ADN)	: 1L
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE04
Number of blue cones/lights (ADN)	: 1
Carriage prohibited (ADN)	: No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Contains no REACH Annex XIV substances

Type of product (Biocide)

18 - Insecticides, acaricides and products to control other arthropods

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information	
Data sources	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.
Training advice	: Use biocides safely. Always read the label and product information before use. Ensure you have received adequate training and/or instructions before use.
Other information	: None.

Full text of R-, H- and EUH-phrases:

Flam. Gas 1	Flammable gases, Category 1
Liquefied Gas	Gases under pressure : Liquefied gas
Asp. Tox. 1	Aspiration hazard, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Press. Gas	Gases under pressure
Carc. 1A	Carcinogenicity, Category 1A
Muta. 1B	Germ cell mutagenicity, Category 1B
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H340	May cause genetic defects
H350	May cause cancer
R12	Extremely flammable
R50/53	Very 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
R45	May cause cancer
R46	May cause heritable genetic damage
F+	Extremely flammable aerosol
Ν	Dangerous for the environment
0	Oxidising
7/08/2015	EN (English) SDS Pof - 1214 0/4

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Т	Toxic
Xn	Harmful
RI - SDS EU (REACH Annex II)	

Before using any product, ensure that you read and understand its label.

The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Neither Rentokil Initial pic nor any of its subsidiaries accepts any liability for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.

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