Safety Data Sheet

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

Date of issue: 16/05/2019 Version: 3.0

SECTION 1: Identification of the su	ubstance/mixture and of the company/undertaking
1.1. Product identifier	
Product form Product name Type of product Registration No Product group	 Mixture CARPET BEETLE & MOTH KILLER POWDER Biocide HSE 10553, PCS 99500 Product
1.2. Relevant identified uses of the su	bstance or mixture and uses advised against
1.2.1.Relevant identified usesIntended for general publicMain use categoryUse of the substance/mixture	 Consumer use An insecticidal powder for amateur use against carpet moths, carpet beetles and other insects in home.
Use of the substance/mixture	: Insecticide
 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safet 	y data sheet
Supplier Rentokil Initial Supplies Liverpool L33 7SR UK Product advice line: +44 (0)151 548 5050 Email: sds@rentokil.com	National Contact For UK: Rentokil Initial Supplies Liverpool L33 7SR UK For Ireland:
	Rentokil Initial, Hazel House, Millennium Park, Naas, Co Kildare, Ireland Tel: +353 (0)45 850 799

Emergency number : +44 (0)1342 833022				
Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

SECTION 2: Hazards identification 2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment - Chronic Hazard, Category 2 H411

Full text of H statements : see section 16

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Rentokil

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according to Regulation (EC) No. 1907/2006 (R	EACH) with its amenament Regulation (EU) 2015/830
Adverse physicochemical, human he	alth and environmental effects
No additional information available	
2.2. Label elements	
Labelling according to Regulation (E	C) No. 1272/2008 [C] B1
Hazard pictograms (CLP)	GHS09
Signal word (CLP)	
Hazard statements (CLP)	: H411 - 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. P260 - Do not breathe dust. P273 - Avoid release to the environment. P391 - Collect spillage. P501 - Dispose of container, contents to normal household waste. However if used in a place of work any product and empty container must be disposed of as controlled waste
EUH-statements	: EUH208 - Contains Chrysanthemum cinerariaefolium, extract from open and mature flowers of Tanacetum cinerariifolium obtained with hydrocarbon solvents. May produce an allergic reaction.

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Nepheline syenite substance with national workplace exposure limit(s) (GB)	(CAS-No.) 37244-96-5 (EC-No.) 270-666-7	>= 75	Not classified
Piperonyl Butoxide (PBO)	(CAS-No.) 51-03-6 (EC-No.) 200-076-7	0.1 - 0.5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Chrysanthemum cinerariaefolium, extract from open and mature flowers of Tanacetum cinerariifolium obtained with hydrocarbon solvents	(CAS-No.) 89997-63-7 (EC-No.) 232-319-8	0.11	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)
Butylated Hydroxytoluene substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 128-37-0 (EC-No.) 204-881-4	0.001 - 0.1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 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 person to fresh air and keep comfortable for breathing. Allow affected person to breathe 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 persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effect	ts, both acute and delayed
Symptoms/effects	: If you feel unwell, seek medical advice (show the label where possible). Not expected to present a significant hazard under anticipated conditions of normal use.

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	72000 (REACTI) WIII	its amendment Regulation (EO) 2015/830		
4.3. Indication of any immediate medical attention and special treatment needed				
Treat symptomatically.				
SECTION 5: Firefighting	measures			
5.1. Extinguishing media				
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.			
Unsuitable extinguishing media	e extinguishing media : Do not use a heavy water stream.			
5.2. Special hazards aris	ing from the subs	tance or mixture		
No additional information availab	ble			
5.3. Advice for firefighter				
Firefighting instructions	:	Use water spray or fog for cooling exp chemical fire. Prevent fire fighting wat	posed containers. Exercise caution when fighting any	
Protection during firefighting		0 0	protective equipment, including respiratory protection.	
	-			
SECTION 6: Accidental				
6.1. Personal precaution	s, protective equi	pment and emergency procedures		
6.1.1. For non-emergency	personnel			
Emergency procedures	:	Evacuate unnecessary personnel.		
6.1.2. For emergency resp	onders			
Protective equipment	:	Equip cleanup crew with proper prote	ction.	
Emergency procedures	:	Ventilate area.		
6.2. Environmental preca	utions			
Prevent entry to sewers and put	olic waters. Notify a	authorities if product enters sewers or pr	ublic waters. Avoid release to the environment.	
6.3. Methods and materia	al for containment	t and cleaning up		
Methods for cleaning up	:	On land, sweep or shovel into suitable	e containers. Minimise generation of dust.	
6.4. Reference to other s	ections			
Please also see sections 8 and	13 for further inform	nation.		
SECTION 7: Handling ar	nd storage			
7.1. Precautions for safe	handling			
Precautions for safe handling	:		s with mild soap and water before eating, drinking or	
Lhuriana magauraa	smoking and when leaving work.		a product	
Hygiene measures		Always wash hands after handling the		
7.2. Conditions for safe s Storage conditions		any incompatibilities	a analyzall vantilated place. Keep away from food, drink	
Storage conditions	-	and animal feeding stuffs. When not i	a cool well ventilated place. Keep away from food, drink n use, keep containers tightly closed. Keep away from	
		children.		
Incompatible products	:	Strong bases. Strong acids.		
Incompatible materials	:	Sources of ignition. Direct sunlight.		
7.3. Specific end use(s)				
Insecticide.				
SECTION 8: Exposure c	ontrols/persor	nal protection		
8.1. Control parameters				
	olium, extract from	n open and mature flowers of Tanace	etum cinerariifolium obtained with hydrocarbon	
solvents (89997-63-7) EU	Local name		Pyrethrum (purified of sensitising lactones)	
EU	IOELV TWA (mg/m ³) 1 mg/m ³			
Ireland	Local name Pyrethrins (ISO)		<u> </u>	
Ireland	OEL (8 hours ref) (mg/m³) 1 mg/m³		1 mg/m ³	
Ireland	Notes (IE)		IOELV	
United Kingdom	Local name		Pyrethrum	
United Kingdom	WEL TWA (mg/m	1 ³)	1 mg/m ³ purified of sensitising lactones	
Butylated Hydroxytoluene (128-37-0)				
Ireland	Local name		2,6-Ditertiary-butyl-para- cresol	
Ireland	OEL (8 hours ref) (mg/m³)	10 mg/m ³	
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Butylated Hydroxytoluene (128-37-0)		
United Kingdom	gdom Local name 2,6-Di-tert-butyl-p-cresol	
United Kingdom	WEL TWA (mg/m³)	10 mg/m ³
Nepheline syenite (37244-96-5)		
United Kingdom Dust, inorganic (respirable dust): 4 mg/m ³		

8.2. Exposure controls

Personal protective equipment:

Avoid all unnecessary exposure.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
Physical state	: Solid	
Appearance	: Powder.	
Colour	: White to off-white.	
Odour	: Odourless.	
Odour threshold	: No data available	
pH	: 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	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: Non flammable.	
Vapour pressure	: No data available	
Relative vapour density at 20 °C	: No data available	
Relative density	: 0.45	
Solubility	: No data available	
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		
No additional information available		
SECTION 10: Stability and reactivit	у	
10.1. Reactivity		
The product is stable at normal handling and st	torage conditions.	
10.2. Chemical stability		
The product is stable at normal handling and storage conditions.		
10.3. Possibility of hazardous reactions		
None expected under normal conditions of handling and use.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperatures.		
10.5. Incompatible materials		
Strong acids. Strong bases.		
10.6. Hazardous decomposition products		
Fume. Carbon monoxide. Carbon dioxide.		

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SECTION 11: Toxicological information			
11.1. Information on toxicological effects			
Acute toxicity	: Not classified		
Chrysanthemum cinerariaefolium, extract from open and mature flowers of Tanacetum cinerariifolium obtained with hydrocarbon solvents (89997-63-7)			
LD50 oral rat	2370 mg/kg male		
LD50 oral	1030 mg/kg female		
LD50 dermal rat	> 1500 mg/kg		
LD50 dermal rabbit	5000 mg/kg		
LC50 inhalation rat (mg/l)	3.4 mg/l/4h		
Butylated Hydroxytoluene (128-37-0)			
LD50 oral rat	> 2930 mg/kg		
Piperonyl Butoxide (PBO) (51-03-6)			
LD50 oral rat	4570 mg/kg bodyweight male		
LD50 oral	7220 mg/kg bodyweight female		
LD50 dermal rabbit	> 2000 mg/kg bodyweight		
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 5.9 mg/l/4h		
Skin corrosion/irritation	: Not classified		
Additional information	: Based on available data, the classification criteria are not met		
Serious eye damage/irritation	: Not classified		
Additional information	: Based on available data, the classification criteria are not met		
Respiratory or skin sensitisation	: Not classified		
Additional information	: 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		
Additional information	: Based on available data, the classification criteria are not met		
Reproductive toxicity	: Not classified		
Additional information	: Based on available data, the classification criteria are not met		
STOT-single exposure	: Not classified		
Additional information	: Based on available data, the classification criteria are not met		
STOT-repeated exposure	Not classified		
Additional information	: Based on available data, the classification criteria are not met		
Aspiration hazard	: Not classified		
Additional information	: 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.		

SECTION 12: Ecological information

12.1. Toxicity Ecology - water

: Toxic to aquatic life with long lasting effects.

Chrysanthemum cinerariaefolium, extract from open and mature flowers of Tanacetum cinerariifolium obtained with hydrocarbon solvents (89997-63-7)		
LC50 fish 1	5.2 μg/l Rainbow trout	
EC50 Daphnia 1	12 μg/l	
EC50 other aquatic organisms 1	1.27 mg/l Algae	
Butylated Hydroxytoluene (128-37-0)		
LC50 fish 1	> 0.57 mg/l	
EC50 Daphnia 1	0.61 mg/l	
Piperonyl Butoxide (PBO) (51-03-6)		
LC50 fish 1	3.94 mg/l	
EC50 Daphnia 1	0.51 mg/l	

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according to Regulation (EC) No. 1907/2006 (REACH) w	
12.2. Persistence and degradability	
CARPET BEETLE & MOTH KILLER POWDE	R
Persistence and degradability	May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential	
CARPET BEETLE & MOTH KILLER POWDE	R
Bioaccumulative potential	Not established.
· · · ·	
Piperonyl Butoxide (PBO) (51-03-6) BCF fish 1	91 (260 - 380)
	91 (200 - 300)
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessme	ent
No additional information available	
12.6. Other adverse effects	
Additional information	: Avoid release to the environment.
SECTION 13: Disposal consideration	ns
13.1. Waste treatment methods	
Product/Packaging 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 information	
In accordance with ADR / IMDG / IATA / ADN / I	
In accordance with ADR / IMDG / IATA / ADN / I	RID
14.1. UN number	
UN-No. (ADR)	: 3077
UN-No. (IMDG)	: 3077
UN-No. (IATA)	: 3077
UN-No. (ADN)	: 3077
UN-No. (RID)	: 3077
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (IATA)	: Environmentally Hazardous Substance, Solid, N.O.S
Proper Shipping Name (ADN)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Transport document description (ADR)	: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains: Pyrethrins including Cinerins), 9, III, (-)
Transport document description (IMDG)	: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains: Pyrethrins including Cinerins), 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3077 Environmentally Hazardous Substance, Solid, N.O.S (Contains: Pyrethrins including Cinerins), 9, III
Transport document description (ADN)	: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains: Pyrethrins including Cinerins), 9, III
Transport document description (RID)	: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains: Pyrethrins including Cinerins), 9, III
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: 9
Danger labels (ADR)	: 9,

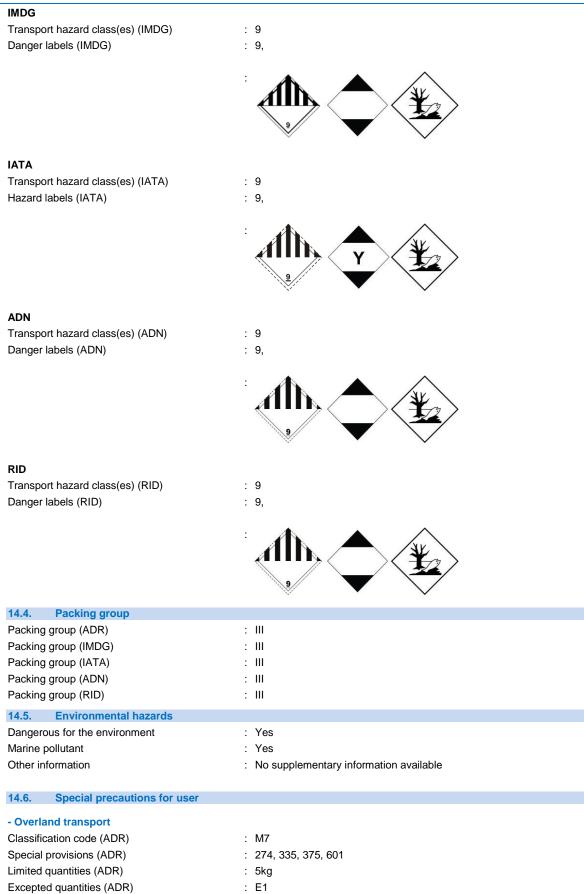
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Packing instructions (ADR) Special packing provisions (ADR)

16/05/2019

Mixed packing provisions (ADR)

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



: P002, IBC08, LP02, R001

: PP12, B3

EN (English)

: MP10

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Portable tank and bulk container instructions (ADR)	: T1, BK1, BK2, BK3		
Portable tank and bulk container special provisions (ADR)	: TP33		
Tank code (ADR)	: SGAV, LGBV		
Vehicle for tank carriage	: AT		
Transport category (ADR)	: 3		
Special provisions for carriage - Packages (ADR)	: V13		
Special provisions for carriage - Bulk (ADR)	: VC1, VC2		
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13		
Hazard identification number (Kemler No.)	: 90		
Orange plates	90 3077		
Tunnel restriction code (ADR)	: -		
EAC code	: 2Z		
- Transport by sea			
Special provisions (IMDG)	: 274, 335, 966, 967, 969		
Packing instructions (IMDG)	: P002, LP02		
Special packing provisions (IMDG)	: PP12		
IBC packing instructions (IMDG)	: IBC08		
IBC special provisions (IMDG)	: B3		
Tank instructions (IMDG)	: T1, BK1, BK2, BK3		
Tank special provisions (IMDG)	: TP33		
EmS-No. (Fire)	: F-A		
EmS-No. (Spillage)	: S-F		
Stowage category (IMDG)	: A		
Stowage and handling (IMDG)	: SW23		
- Air transport			
	: E1		
PCA Excepted quantities (IATA) PCA Limited quantities (IATA)	: Y956		
PCA limited quantity max net quantity (IATA)	: 30kgG		
PCA packing instructions (IATA)	: 956		
PCA max net quantity (IATA)	: 900kg		
CAO packing instructions (IATA)	: 956		
CAO max net quantity (IATA)	: 400kg		
Special provisions (IATA)	: A97, A158, A179, A197		
ERG code (IATA)	: 9L		
- Inland waterway transport			
Classification code (ADN)	: M7		
Special provisions (ADN)	: 274, 335, 375, 601		
Limited quantities (ADN)	: 5 kg		
Excepted quantities (ADN)	: E1		
Equipment required (ADN)	: PP, A		
Number of blue cones/lights (ADN)	: 0		
Additional requirements/Remarks (ADN)	: * Only in the molten state. ' transport in bulk.	* For carriage in bulk see also 7.1.4.1. ** * Only in the case of	of
- Rail transport			
Classification code (RID)	: M7		
Special provisions (RID)	: 274, 335, 375, 601		
Excepted quantities (RID)	: E1		
Packing instructions (RID)	: P002, IBC08, LP02, R001		
Special packing provisions (RID)	: PP12, B3		
Mixed packing provisions (RID)	: MP10		
16/05/2019	EN (English)	SDS Ref.: 1440	8/1

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Portable tank and bulk container instructions (RID)	: T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (RID)	: TP33
Tank codes for RID tanks (RID)	: SGAV, LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W13
Special provisions for carriage – Bulk (RID)	: VC1, VC2
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE11
Hazard identification number (RID)	: 90

14.7. Transport in bulk according to Annex II of Marpol 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 Contains no REACH Annex XIV substances

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

Indication of ch	nanges:			
		Date of issue	Modified	
3			Modified	
Abbreviations a	and acronyms:			
REACH	Registration, Evaluation,	Authorisation and Restr	iction of Chemicals Regu	ation (EC) No 1907/2006
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways			
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road			
IMDG	International Maritime Dangerous Goods			
ΙΑΤΑ	International Air Transpo	International Air Transport Association		
RID	Regulations concerning t	Regulations concerning the International Carriage of Dangerous Goods by Rail		
LD50	Median lethal dose			
EC50	Median effective concentration			
PBT	Persistent Bioaccumulati	Persistent Bioaccumulative Toxic		
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008			

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.

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4		
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1		
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1		
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2		
Skin Sens. 1	Skin sensitisation, Category 1		
H302	Harmful if swallowed.		
H312	Harmful in contact with skin.		
H317	May cause an allergic skin reaction.		
H317	May cause an allergic skin reaction.		

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H332	Harmful if inhaled.		
H400	Very toxic to aquatic life.		
H410	Very toxic to aquatic life with long lasting effects.		
H411	Toxic to aquatic life with long lasting effects.		
EUH208	Contains Chrysanthemum cinerariaefolium, extract from open and mature flowers of Tanacetum cinerariifolium obtained with hydrocarbon solvents. May produce an allergic reaction.		
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:			
Aquatic Chronic 2	H411	Calculation method	

RI - SDS EU (REACH Annex II) CLP

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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