



**Trade name:** Scomid Aerosol**Product no.:** CE 002 C0031 GR**Current version :** 1.1.3, issued: 06.05.2022**Replaced version:** 1.1.2, issued: 08.03.2022**Region:** GB**Precautionary statement(s)**

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P405	Store locked up.

**2.3 Other hazards**

The mixture of n-butane, isobutane and propane (CAS 68476-86-8), must have a content of less than 0.1%. 1,3-butadiene (CAS 106-99-0) less than 0.1%.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Chemical characterization**

Imazalil tech 20g/l (AE)

**Hazardous ingredients**

No	Substance name	Classification (EC) 1272/2008 (CLP)	Additional information	%
	CAS / EC / Index / REACH no		Concentration	
1	<b>dimethoxymethane</b>			
	109-87-5 203-714-2 - 01-2119664781-31	Flam. Liq. 2; H225	>= 25.00 - < 50.00	wt%
2	<b>(2-METHOXYMETHYLETHOXY)PROPANOL</b>			
	34590-94-8 252-104-2 - 01-2119450011-60	-	>= 25.00 - < 50.00	wt%
3	<b>butane</b>			
	106-97-8 203-448-7 601-004-00-0 01-2119474691-32	Flam. Gas 1A; H220 Press. Gas liq.; H280	>= 5.00 - < 10.00	wt%
4	<b>isobutane</b>			
	75-28-5 200-857-2 601-004-00-0 01-2119485395-27	Flam. Gas 1A; H220 Press. Gas liq.; H280	>= 5.00 - < 10.00	wt%
5	<b>propane</b>			
	74-98-6 200-827-9 601-003-00-5 01-2119486944-21	Flam. Gas 1A; H220 Press. Gas liq.; H280	>= 5.00 - < 10.00	wt%
6	<b>1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole Imazalil (ISO)</b>			
	35554-44-0 252-615-0 613-042-00-5 -	Acute Tox. 3; H301 Acute Tox. 4; H332 Aquatic Chronic 1; H410 Carc. 2; H351 Eye Dam. 1; H318	< 2.50	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	C, U	-	-	-
4	C, U	-	-	-
5	U	-	-	-
6	-	-	-	M = 10

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Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
6	227 mg/kg bodyweight		

**3.3 Other information**

The mixture of n-butane, isobutane and propane (CAS 68476-86-8), must have a content of less than 0.1%. 1,3-butadiene (CAS 106-99-0) less than 0.1%.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

If medical advice is needed, have product container or label at hand.

**After inhalation**

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**After skin contact**

Take off contaminated clothing. Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

**After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse AWAY from the unaffected eye. If eye irritation persists: Get medical advice/attention.

**After ingestion**

Rinse mouth. Call a POISON CENTER or doctor/physician.

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

No data available.

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

No data available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam; Carbon dioxide; Extinguishing powder; Water spray jet

**Unsuitable extinguishing media**

High power water jet

**5.2 Special hazards arising from the substance or mixture**

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

**5.3 Advice for firefighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear protective clothing.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

**6.3 Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). When collected, handle material as described under the section heading "Disposal considerations".

**6.4 Reference to other sections**

Information regarding waste disposal, see section 13. Information regarding personal protective measures, see section 8. Information regarding safe handling, see section 7.

**SECTION 7: Handling and storage**

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No special measures necessary if stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

**General protective and hygiene measures**

Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not eat, drink or smoke during work time. Remove soiled or soaked clothing immediately. Do not inhale vapours.

**Advice on protection against fire and explosion**

Isolate from sources of heat, sparks and open flame. Take precautionary measures against static charges.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Keep from freezing. Protect from heat and direct sunlight.

**Recommended storage temperature**

Value < 50 °C

**Storage stability**

Value 24 months

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

**Incompatible products**

Do not store together with foodstuffs.

**7.3 Specific end use(s)****Industry solution**

Always read the label and product information before use.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limit values**

No	Substance name	CAS no.	EC no.
1	dimethoxymethane	109-87-5	203-714-2
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Dimethoxymethane			
	WEL short-term (15 min reference period)	3950 mg/m <sup>3</sup>	1250 ppm
	WEL long-term (8-hr TWA reference period)	3160 mg/m <sup>3</sup>	1000 ppm
2	(2-METHOXYMETHYLETHOXY)PROPANOL	34590-94-8	252-104-2
<b>2000/39/EC</b>			
(2-Methoxymethylethoxy)-propanol			
	WEL long-term (8-hr TWA reference period)	308 mg/m <sup>3</sup>	50 ppm
	Skin resorption / sensibilisation	Skin	
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
(2-Methoxymethylethoxy) propanol			
	WEL long-term (8-hr TWA reference period)	308 mg/m <sup>3</sup>	50 ppm
	Comments	Sk	
3	butane	106-97-8	203-448-7
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Butane			
	WEL short-term (15 min reference period)	1810 mg/m <sup>3</sup>	750 ppm
	WEL long-term (8-hr TWA reference period)	1450 mg/m <sup>3</sup>	600 ppm
	Comments	Carc. (only applies if Butane contains more than 0.1% of buta-1,3-diene)	

**DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	dimethoxymethane			109-87-5 203-714-2	
	dermal	Long term (chronic)	systemic	17.9	mg/kg/day
	inhalative	Long term (chronic)	systemic	126.6	mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name	CAS / EC no
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	Route of exposure	Exposure time	Effect	Value
1	dimethoxymethane			<b>109-87-5</b> <b>203-714-2</b>
	oral	Long term (chronic)	systemic	18.1 mg/kg/day
	dermal	Long term (chronic)	systemic	18.1 mg/kg/day
	inhalative	Long term (chronic)	systemic	31.5 mg/m <sup>3</sup>

**PNEC values**

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	dimethoxymethane		<b>109-87-5</b> <b>203-714-2</b>
	water	fresh water	14.577 mg/L
	water	marine water	1.477 mg/L
	water	fresh water sediment	13.135 mg/kg dry weight
	water	marine water sediment	1.313 mg/kg dry weight
	soil	-	4.654 mg/kg dry weight
	sewage treatment plant	-	10 g/L

**8.2 Exposure controls****Appropriate engineering controls**

No data available.

**Personal protective equipment****Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

**Eye / face protection**

Safety glasses (EN 166)

**Hand protection**

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material nitrile rubber

**Other**

Chemical-resistant work clothes. Rubber boots. (EN 13832-3/EN ISO 20345)

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>State of aggregation</b>	
liquid	
<b>Form/Colour</b>	
liquid; viscous	
dark green	
<b>Odour</b>	
like propanol	
<b>pH value</b>	
Value	7.9
Concentration	1 % aqueous solution
<b>Boiling point / boiling range</b>	
No data available	
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Reference substance	CAS 109-87-5
Comments	Highly flammable
<b>Ignition temperature</b>	
No data available	

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<b>Oxidising properties</b>			
not oxidizing			
<b>Explosive properties</b>			
not explosive			
<b>Flammability</b>			
No data available			
<b>Lower explosion limit</b>			
No data available			
<b>Upper explosion limit</b>			
No data available			
<b>Vapour pressure</b>			
No data available			
<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
Value	0.812	kg/l	
Reference temperature	20	°C	
Source	Manufacturer		
<b>Solubility</b>			
No data available			
<b>Partition coefficient n-octanol/water (log value)</b>			
No	Substance name	CAS no.	EC no.
1	butane	106-97-8	203-448-7
	log Pow		1.09
	Reference temperature		20 °C
	with reference to	pH 7	
	Source	ECHA	
2	isobutane	75-28-5	200-857-2
	log Pow		2.80
	Reference temperature		20 °C
	with reference to	pH 7	
	Source	ECHA	
3	propane	74-98-6	200-827-9
	log Pow		appr. 1.8
	Method	QSAR	
	Source	ECHA	
4	1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole Imazalil (ISO)	35554-44-0	252-615-0
	log Pow		3.82
	with reference to	pH: 9,2	
	Source	Manufacturer	
<b>Kinematic viscosity</b>			
No data available			
<b>Particle characteristics</b>			
No data available			

**9.2 Other information**

<b>Other information</b>
No data available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

The product is stable under normal storage and handling conditions.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use.

**10.4 Conditions to avoid**

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None, if handled according to intended use.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

<b>Acute oral toxicity</b>			
No	Product Name		
1	Scomid Aerosol		
LD50		>	2000 mg/kg
Species		rat	
Source		Manufacturer	
<b>Acute dermal toxicity</b>			
No	Product Name		
1	Scomid Aerosol		
LD50		>	2000 mg/kg
Species		rabbit	
Source		Manufacturer	
<b>Acute inhalational toxicity</b>			
No	Product Name		
1	Scomid Aerosol		
LC50		>	5.12 mg/m <sup>3</sup>
Duration of exposure		4	h
State of aggregation		Dust/mist	
Species		rat	
Source		Manufacturer	
No	Substance name	CAS no.	EC no.
2	isobutane	75-28-5	200-857-2
LC50		520400	ppmV
Duration of exposure		2	h
State of aggregation		Gas	
Species		mouse	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	propane	74-98-6	200-827-9
LC50		>	800000 ppmV
Duration of exposure		0.25	h
State of aggregation		Gas	
Species		rat	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
<b>Skin corrosion/irritation</b>			
No	Substance name	CAS no.	EC no.
1	dimethoxymethane	109-87-5	203-714-2
Species		rabbit	
Method		OECD 404	
Source		ECHA	
Evaluation		low-irritant	
Evaluation/classification		On the basis of the available information, the classification criteria are not met.	
2	1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole Imazalil (ISO)	35554-44-0	252-615-0
Source		Manufacturer	
Evaluation		non-irritant	
<b>Serious eye damage/irritation</b>			
No	Product Name		
1	Scomid Aerosol		
Source		Manufacturer	
Evaluation		irritant	
<b>Respiratory or skin sensitisation</b>			
No	Substance name	CAS no.	EC no.
1	dimethoxymethane	109-87-5	203-714-2
Route of exposure		Skin	

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Species	guinea pig
Method	OECD 406
Source	ECHA
Evaluation	non-sensitizing
Evaluation/classification	On the basis of the available information, the classification criteria are not met.
<b>2</b>	<b>1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole 35554-44-0 252-615-0</b> <b>Imazalil (ISO)</b>
Route of exposure	Skin
Method	Buehler
Source	Manufacturer
Evaluation	non-sensitizing

<b>Germ cell mutagenicity</b>			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>dimethoxymethane</b>	<b>109-87-5</b>	<b>203-714-2</b>
Type of examination	Mammalian chromosome aberration test		
Species	Chinese hamster Ovary (CHO)		
Method	OECD 473		
Source	ECHA		
Evaluation/classification	On the basis of the available information, the classification criteria are not met.		
<b>2</b>	<b>butane</b>	<b>106-97-8</b>	<b>203-448-7</b>
Type of examination	In vitro Mammalian Chromosomal Aberration Test		
Species	Human Lymphocyte		
Method	OECD 473		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	in vitro gene mutation study in bacteria		
Species	Salmonella typhimurium		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>3</b>	<b>isobutane</b>	<b>75-28-5</b>	<b>200-857-2</b>
Type of examination	in vitro gene mutation study in bacteria		
Species	Salmonella typh. TA98, TA100, TA1535, TA1537, TA1538		
Method	Value taken from the literature		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>4</b>	<b>1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole 35554-44-0 252-615-0</b> <b>Imazalil (ISO)</b>		
Type of examination	Reverse Mutation Assay		
Species	Salmonella typhimurium		
Source	Manufacturer		
Evaluation/classification	Based on available data, the classification criteria are not met.		

<b>Reproduction toxicity</b>			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>butane</b>	<b>106-97-8</b>	<b>203-448-7</b>
Route of exposure	inhalational		
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>isobutane</b>	<b>75-28-5</b>	<b>200-857-2</b>
Route of exposure	inhalational		
NOAEC	9000		ppm
Type of examination	Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test		
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>3</b>	<b>propane</b>	<b>74-98-6</b>	<b>200-827-9</b>
Route of exposure	inhalational		
NOAEC	12000		ppm
Type of examination	Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test		
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		



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<b>Carcinogenicity</b>			
No	Product Name	CAS no.	EC no.
1	Scomid Aerosol		
Source Evaluation		Manufacturer Suspected of causing cancer.	
<b>STOT - single exposure</b>			
No data available			
<b>STOT - repeated exposure</b>			
No	Substance name	CAS no.	EC no.
1	dimethoxymethane	109-87-5	203-714-2
Route of exposure		inhalational	
NOEL		2000	ppm
Duration of exposure		90	day(s)
Species	rat		
Method	OECD 413		
Source	ECHA		
Evaluation/classification	On the basis of the available information, the classification criteria are not met.		
2	butane	106-97-8	203-448-7
Route of exposure		inhalational	
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	isobutane	75-28-5	200-857-2
Route of exposure		inhalational	
Species		9000	ppm
Method	rat		
Source	OECD 422		
Evaluation/classification	Based on available data, the classification criteria are not met.		
4	propane	74-98-6	200-827-9
Route of exposure		inhalational	
LOAEC		12000	ppm
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>Aspiration hazard</b>			
No data available			

**11.2 Information on other hazards****Endocrine disrupting properties**

No data available.

**Other information**

No data available.

**SECTION 12: Ecological information****12.1 Toxicity**

<b>Toxicity to fish (acute)</b>			
No	Product Name	LC50	
1	Scomid Aerosol	84.9	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Source	Manufacturer		
<b>Toxicity to fish (chronic)</b>			
No data available			
<b>Toxicity to Daphnia (acute)</b>			
No	Product Name	EC50	
1	Scomid Aerosol	35.98	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Source	Manufacturer		
<b>Toxicity to Daphnia (chronic)</b>			

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No data available			
<b>Toxicity to algae (acute)</b>			
<b>No</b>	<b>Product Name</b>		
1	Scomid Aerosol		
ErC50		51.2	mg/l
Duration of exposure		72	h
Species	Selenastrum capricornutum		
Source	Manufacturer		
<b>Toxicity to algae (chronic)</b>			
No data available			
<b>Bacteria toxicity</b>			
No data available			

**12.2 Persistence and degradability**

<b>Biodegradability</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
1	dimethoxymethane	109-87-5	203-714-2
Source	ECHA		
Evaluation	not readily biodegradable		
2	butane	106-97-8	203-448-7
Type	aerobic biodegradation		
Value		50	%
Duration		3.46	d
Method	QSAR		
Source	ECHA		
3	isobutane	75-28-5	200-857-2
Type	aerobic biodegradation		
Value		50	%
Duration		3.1	d
Method	QSAR		
Source	ECHA		
Evaluation	readily biodegradable		
4	propane	74-98-6	200-827-9
Type	aerobic biodegradation		
Value		50	%
Duration		3	d
Method	QSAR		
Source	ECHA		
Evaluation	readily biodegradable		

**12.3 Bioaccumulative potential**

<b>Bioconcentration factor (BCF)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
1	dimethoxymethane	109-87-5	203-714-2
BCF		0.6	
Method	Calculation model used (Q)SAR		
Source	ECHA		
2	1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole Imazalil (ISO)	35554-44-0	252-615-0
BCF		48.7	- 63.8
Source	Manufacturer		
<b>Partition coefficient n-octanol/water (log value)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
1	butane	106-97-8	203-448-7
log Pow		1.09	
Reference temperature		20	°C
with reference to	pH 7		
Source	ECHA		
2	isobutane	75-28-5	200-857-2
log Pow		2.80	
Reference temperature		20	°C
with reference to	pH 7		
Source	ECHA		
3	propane	74-98-6	200-827-9
log Pow		appr. 1.8	
Method	QSAR		
Source	ECHA		

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<b>4</b>	<b>1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole Imazalil (ISO)</b>	<b>35554-44-0</b>	<b>252-615-0</b>
log Pow with reference to Source		3.82	
		pH: 9,2 Manufacturer	

**12.4 Mobility in soil**

Mobility in soil			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole Imazalil (ISO)</b>	<b>35554-44-0</b>	<b>252-615-0</b>
log Koc with reference to Source		3.318 - 3.911	
		soil Manufacturer	

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Other information**

Other information
Do not discharge product unmonitored into the environment.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

Class	2
Classification code	5F
UN number	UN1950
Proper shipping name	AEROSOLS
Tunnel restriction code	D
Label	2.1
Environmentally hazardous substance mark	Symbol "fish and tree"

**14.2 Transport IMDG**

Class	2
UN number	UN1950
Proper shipping name	AEROSOLS
Technical name	1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole Imazalil (ISO)
EmS	F-D, S-U
Label	2.1
Marine pollutant mark	Symbol "fish and tree"

**14.3 Transport ICAO-TI / IATA**

Class	2.1
UN number	UN1950
Proper shipping name	Aerosols, flammable
Label	2.1

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

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No data available.

**14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole Imazalil (ISO)	35554-44-0	252-615-0	75

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is subject to Part I of Annex I, risk category: E2, P3a

If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply.

**Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.

**Regulation (EC) No 1107/2009 concerning the placing of plant protection products on the market**

Regulation (EU) No 547/2011 implementing Regulation (EC) No 1107/2009 as regards labelling requirements for plant protection products

**Annex III**

SP1 Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

**SECTION 16: Other information****Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H301	Toxic if swallowed.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H410	Very toxic to aquatic life with long lasting effects.

**Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)**

C Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

U When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

**Creation of the safety data sheet**

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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