



# Safety Data Sheet

Version: 1  
Revision Date: 1/11/2024

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

### 1.1. Product identifier

**Product identifier.** 127948  
**Product name.** Defoamer  
**UFI** YVKM-K0AM-X005-57SM

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

**Recommended Use.** Professional Carpet Cleaning  
**Uses advised against.** Professional Use Only

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

**Supplier.** Legend Brands  
15180 Josh Wilson Road  
Burlington, WA 98233  
800-932-3030

Legend Brands Europe  
Unit 56 Tanners Drive  
Blakelands Industrial Estate  
Milton Keynes  
Buckinghamshire, MK14 5BW  
United Kingdom  
+44 (0) 1908 611 211

Rust-Oleum Europe - N.V. Martin Mathys S.A.  
Kolenbergstraat 23 - 3545 Zelem, Belgium  
+32 (0)13 460 200

**1.4. Emergency telephone number** INFOTRAC 1-800-535-5053 (North America)  
+1-352-323-3500 (International)

**Europe** 112  
**Austria** +43 1 406 43 43  
**Belgium** Poison center (BE): +32 70 245 245  
**Denmark** Poison Control Hotline (DK): +45 82 12 12 12  
**Finland** Poison Information Centre (FI): +358 9 471 977  
**France** ORFILA (FR): + 01 45 42 59 59  
**Germany** Poison Center Berlin (DE): +49 030 30686 790 | par Poison Center Nord: +49 551 19240  
(24h available English / German)  
**Ireland** National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566  
**Iceland** +354 543 2222  
**Italy** Poison Center, Milan (IT): +39 02 6610 1029  
**Luxembourg** 112  
**Netherlands** National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only available to health professionals)  
**Norway** Poisons Information (NO): + 47 22 591300  
**Portugal** Poison Information Center (PT): +351 800 250 250  
**Spain** Poison Information Service (ES): +34 91 562 04 20  
**Sweden** Poisons Information Center (SV): +46 8 33 12 31  
**Switzerland** Poison Center: Tel 145; +41 44 251 51 51  
**United Kingdom** 111 / 0300 020 0155

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Hazardous to the aquatic environment, Chronic, category 3

Skin Sensitizer, category 1

**2.2. Label elements****Signal Word**

Warning

**Hazardous ingredients which must be listed on the label**

Contains

MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1)

**Possible Hazards**

&lt; 1% of the mixture consists of ingredient(s) of unknown acute dermal toxicity

**GHS HAZARD STATEMENTS**

H412 Harmful to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

**GHS LABEL PRECAUTIONARY STATEMENTS**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves, protective clothing, eye protection, face protection.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container to an approved waste disposal plant.

**GHS SDS PRECAUTIONARY STATEMENTS**

P272 Contaminated work clothing should not be allowed out of the workplace.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

**2.3. Other hazards**

EMERGENCY OVERVIEW: No Information

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

This product is a mixture. Health hazard information is based on its components.

**3.2. Mixtures**

Chemical Name	CAS-No.	EC No.	REACH Reg No.	Wt. %
2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	203-961-6	01-2119475104-44-XXXX	<1
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1)	55965-84-9	No Information	No Information	<0.1

Chemical Name	Classification (1272/2008/EC)	Specific Conc. Limits, M-factors and ATEs
2-(2-BUTOXYETHOXY)ETHANOL	Eye Irrit. 2 (H319)	ATE oral (mg/kg): 5660 mg/kg Rat ATE dermal (mg/kg): 2700 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.

MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2-H-ISOTHIAZOL-3-ONE (3:1)	EUH071 Acute Tox. 3 Oral (H301) Acute Tox. 2 Dermal (H310) Skin Corr. 1C (H314) Skin Sens. 1A (H317) Acute Tox. 2 Inhalation (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Eye Irrit. 2; H319: 0.06%<=C<0.6% Skin Corr. 1C; H314: C>=0.6% Skin Irrit. 2; H315: 0.06%<=C<0.6% Skin Sens. 1A; H317: C>=0.0015% Eye Dam. 1; H318: C>=0.6%  ATE oral (mg/kg): 53 mg/kg Rat ATE dermal (mg/kg): 87.12 mg/kg Rabbit M-Factors: 100 M-factor chronic: 100
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For the full text of the H-Statements mentioned in this Section, see Section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General advice.

Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

#### Inhalation.

Move to fresh air.

#### Skin contact.

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

#### Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

#### Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

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

#### Symptoms.

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

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

#### Notes to physician.

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Extinguishing media which shall not be used for safety reasons.

High volume water jet.

### 5.2. Special hazards arising from the substance or mixture

No information available.

### 5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Use personal protection recommended in Section 8.

As in any fire, wear self-contained breathing apparatus and full protective gear.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

#### Advice for emergency responders.

Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Prevent product from entering drains. See Section 12 for additional Ecological information.

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

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

**Methods for cleaning up.**

Use personal protective equipment as required.

**Other information.**

No Information

**6.4. Reference to other sections**

No Information

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice.

**Hygiene measures.**

See section 7 for more information.

**7.2. Conditions for safe storage, including any incompatibilities****Storage Conditions.**

Keep containers tightly closed in a cool, well-ventilated place.

**7.3. Specific end use(s)****Specific use(s).**

No Information

**Exposure scenario.**

No Information Available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limit Values**

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
2-(2-BUTOXYETHOXY)ETHANOL 112-34-5	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 68 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 68 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1) 55965-84-9	TWA: 0.05 mg/m <sup>3</sup>	N.D.	N.D.	N.D.	N.D.	N.D.
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
2-(2-BUTOXYETHOXY)ETHANOL 112-34-5	STEL: 15 ppm STEL: 100.5 mg/m <sup>3</sup> TWA: 67 mg/m <sup>3</sup> TWA: 10 ppm	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	STEL: 14.8 ppm STEL: 100 mg/m <sup>3</sup> TWA: 7.4 ppm TWA: 50 mg/m <sup>3</sup>

Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1) 55965-84-9	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
2-(2-BUTOXYETHOXY)ETHANOL 112-34-5	STEL: 20 ppm STEL: 102 mg/m <sup>3</sup> TWA: 10 ppm TWA: 68 mg/m <sup>3</sup>	STEL: 101.2 mg/m <sup>3</sup> STEL: 15 ppm TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101 mg/m <sup>3</sup> TWA: 10 ppm TWA: 68 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1) 55965-84-9	N.D.	N.D.	N.D.	N.D.	STEL: 0.4 mg/m <sup>3</sup> TWA: 0.2 mg/m <sup>3</sup>	N.D.

TWA: Time weighted average

STEL: Short term exposure limit.

**Derived No Effect Level (DNEL)**

No Information Available

**Predicted No Effect Concentration (PNEC)**

No Information Available

**8.2. Exposure controls****Engineering Measures.**

Showers, eyewash stations, and ventilation systems.

**Personal protective equipment.****Eye/Face Protection.**

Safety glasses with side-shields.

**Skin and body protection.**

Wear suitable protective clothing.

No Information

**Respiratory protection.**

In case of insufficient ventilation wear suitable respiratory equipment.

**Environmental Exposure Controls.**

No Information

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Translucent
<b>Colour</b>	White
<b>Odour</b>	Low Odor
<b>Odour Threshold</b>	No Information
<b>pH</b>	6.0
<b>Melting Point, °C</b>	No Information
<b>Flash Point, °C</b>	Not applicable <sup>93</sup>

<b>Boiling Range, °C</b>	100 - 230
<b>Combustibility</b>	Does not Support Combustion
<b>Vapor Pressure, mmHg</b>	No Information
<b>Vapor density</b>	No Information
<b>Specific Gravity (g/cm<sup>3</sup>)</b>	0.985
<b>Solubility in water</b>	Readily miscible
<b>Partition Coefficient, n-octanol/water</b>	No Information
<b>Auto-Ignition Temperature, °C</b>	No Information
<b>Decomposition temperature, °C</b>	No Information
<b>Viscosity</b>	No Information

**9.2. Other information**

**Volatile organic compounds (VOC) content.** None

**9.2.1. Information with regard to physical hazard classes**

No Information

**9.2.2. Other safety characteristics**

**Evaporation rate** No Information Available

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

Stable under normal conditions.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

None known based on information supplied.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

None known based on information supplied.

**10.6. Hazardous decomposition products**

None known.

## SECTION 11: Toxicological information

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity.**

Based on available data, the classification criteria are not met.

**Product Information**

<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
99,999.00	99,999.00	99,999.00

The following values are calculated based on chapter 3.1 of the GHS document.

<b>ATEmix (oral)</b>	>5000 mg/kg
<b>ATEmix (dermal)</b>	>5000 mg/kg
	>50 mg/l

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	5660 mg/kg Rat	2700 mg/kg Rabbit	N.R.
55965-84-9	MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2-H-ISOTHIAZOL-3-ONE (3:1)	53 mg/kg Rat	87.12 mg/kg Rabbit	N.R.

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

N.A.

**Other information.**

N.A.

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

&lt;1% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects.**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia.
2-(2-BUTOXYETHOXY) ETHANOL 112-34-5	EC50 96 h Desmodesmus subspicatus >100 mg/L	LC50 96 h Lepomis macrochirus 1300 mg/L	EC50 48 h Daphnia magna >100 mg/L
MIXTURE OF 5-CHLORO-2- METHYL-4-ISOTHIAZOLIN-3- ONE AND 2-METHYL-2 H- ISOTHIAZOL-3-ONE (3:1) 55965-84-9	N.D.	N.D.	N.D.

**12.2. Persistence and degradability**

No data are available on the product itself

**12.3. Bioaccumulative potential**

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	Bio. Conc. Factor (BCF)	Octanol-water par. Coeff (KOW)
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	N.I.	1
55965-84-9	MIXTURE OF 5-CHLORO-2- METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3- ONE (3:1)	54 (species: Lepomis macrochirus)	$\geq -0.32$ - $\leq 0.7$

**12.4. Mobility in soil****Mobility in soil.**

No information available

**12.5. Results of PBT and vPvB assessment**

No data are available on the product itself

**12.6. Endocrine disrupting properties**

No information available

**12.7. Other adverse effects**

No information available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste from residues / unused products.**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging.**

No Information

**Other information.**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

**SECTION 14: Transport information****ADR****14.1. UN number or ID number**

No Information

**14.2. UN proper shipping name**

Not regulated as a dangerous good

**14.3. Transport hazard class(es)**

No Information

14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

**IMDG**

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not regulated as a dangerous good
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5 Marine Pollutant	No.
Environmental hazards	No.
14.6. Special precautions for user	No Information
14.7. Maritime transport in bulk according to IMO instruments	No Information

**IATA**

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not regulated as a dangerous good
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information.**

Germany WGK Classification 2

French table of occupational diseases

CAS-No.	Chemical Name	French table of occupational diseases
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	RG 84

**European Union.**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Persistent Organic Pollutants**

Not applicable

**Authorizations and/or restrictions on use:**

CAS-No.	Chemical Name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	No.	Yes.
55965-84-9	MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1)	No.	Yes.

**EU Substances of Very High Concern**

None



**International Inventories.**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS/ELINCS</b>	-
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECI</b>	Complies
<b>PICCS</b>	Complies
<b>AIIC</b>	Complies
<b>NZIoC</b>	Complies

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory.
<b>DSL</b>	Canadian Domestic Substances List.
<b>EINECS/ELINCS</b>	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
<b>ENCS</b>	Japan Existing and New Chemical Substances.
<b>IECSC</b>	China Inventory of Existing Chemical Substances.
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances.
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances.
<b>AIIC</b>	Australian Inventory of Industrial Chemicals.
<b>NZIoC</b>	New Zealand Inventory of Chemicals.

**15.2. Chemical safety assessment**

No.

**SECTION 16: Other information**

<b>Revision Date</b>	1/11/2024
<b>Indication of changes:</b>	Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates.

**Legend.**

N.D.	No data available.
N.I.	No information available.
N.A.	Not Applicable.
N.R.	Not relevant.

This safety datasheet complies with the requirements of Regulation (EC) No. 2020/878

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.