Version: 1

# **Safety Data Sheet**

Revision Date: 4/17/2023

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

1.1. Product identifier

Product identifier. 124053

Product name. **Optimal Rinse** 

UFI WJSF-E019-900J-UKEE

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

Legend Brands Supplier.

15180 Josh Wilson Road Burlington, WA 98233

E-Mail: sds@legendbrands.com

800-932-3030

Legend Brands Europe

22 Plover Close Interchange Park Newport Pagnell MK069PS UK

+44 (0) 1908 611211

Rust-Oleum Europe Kolenbergstraat 23 3545 Halen, Belgium +32 (013) 460 200

1.4. Emergency telephone INFOTRAC 1-800-535-5053 (North America)

+1-352-323-3500 (International) number

Europe 112

Austria +43 1 406 43 43

Belgium Poison center (BE): +32 70 245 245

Poison Control Hotline (DK): +45 82 12 12 12 Denmark **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)

National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566 Ireland

Iceland +354 543 2222

Poison Center, Milan (IT): +39 02 6610 1029 Italy

Luxembourg

National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only **Netherlands** available to health professionals)

Poisons Information (NO):+ 47 22 591300 Norway

**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 Poison Center: Tel 145; +41 44 251 51 51 Switzerland

111 / 0300 020 0155 **United Kingdom** 

# **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

Corrosive to the respiratory tract Serious Eye Damage, category 1 Skin Irritation, category 2 Skin Sensitizer, category 1

# 2.2. Label elements





# Signal Word

Danger

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

Contains

Ethoxylated alcohols, C9-C11, L(+) LACTIC ACID, MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1)

#### **Possible Hazards**

< 1% of the mixture consists of ingredient(s) of unknown acute dermal toxicity

#### **GHS HAZARD STATEMENTS**

EUH071 Corrosive to the respiratory tract. H318 Causes serious eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

#### **GHS LABEL PRECAUTIONARY STATEMENTS**

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor or physician.
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**

P264 Wash face, hands and any exposed skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection, face protection.

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

P321 Specific treatment (If applicable, see any additional instructions on the label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

#### 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. %
L(+) LACTIC ACID	79-33-4	201-196-2	No Information	>=1 - <3
Ethoxylated alcohols, C9-C11	68439-46-3	No Information	No Information	>=0.5 - <1.5
Sodium hydroxide	1310-73-2	215-185-5	01-2119457892-27- XXXX	<1
Phosphoric acid	7664-38-2	231-633-2	No Information	<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
L(+) LACTIC ACID	EUH071 Skin Corr. 1C (H314)	ATE oral (mg/kg): N.R. ATE dermal (mg/kg): N.R. ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Ethoxylated alcohols, C9-C11	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	ATE oral (mg/kg): N.R. ATE dermal (mg/kg): N.R. ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Sodium hydroxide	Acute Tox. 4 Dermal (H312) Skin Corr. 1A (H314)	Eye Irrit. 2; H319: 0.5%<=C<2% Skin Corr. 1A; H314: C>=5% Skin Corr. 1B; H314: 2%<=C<5% Skin Irrit. 2; H315: 0.5%<=C<2%  ATE oral (mg/kg): N.R. ATE dermal (mg/kg): 1350 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Phosphoric acid	Acute Tox. 4 Oral (H302) Skin Corr. 1B (H314)	Eye Irrit. 2; H319: 10%<=C<25% Skin Corr. 1B; H314: C>=25% Skin Irrit. 2; H315: 10%<=C<25%  ATE oral (mg/kg): 1530 mg/kg Rat ATE dermal (mg/kg): 2740 mg/kg Rabbit ATE inhalation - vapor (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

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**

	Г	Г		_	Produc	ct name.: 124053
Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
L(+) LACTIC ACID 79-33-4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethoxylated alcohols, C9-C11 68439-46-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium hydroxide 1310-73-2	STEL: 4 mg/m3 TWA: 2 mg/m3	N.D.	N.D.	N.D.	N.D.	TWA: 2 mg/m3
Phosphoric acid 7664-38-2	STEL: 2 mg/m3 TWA: 1 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3	TWA: 1 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3	STEL: 0.5 ppm STEL: 2 mg/m3 TWA: 0.2 ppm TWA: 1 mg/m3
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/ m3	N.D.	N.D.	N.D.	N.D.	N.D.
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
L(+) LACTIC ACID 79-33-4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethoxylated alcohols, C9-C11 68439-46-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium hydroxide 1310-73-2	N.D.	STEL: 2 mg/m3	STEL: 2 mg/m3	N.D.	N.D.	N.D.
Phosphoric acid 7664-38-2	STEL: 4 mg/m3 TWA: 2 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3			
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
L(+) LACTIC ACID 79-33-4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethoxylated alcohols, C9-C11 68439-46-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium hydroxide 1310-73-2	N.D.	N.D.	STEL: 2 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3	STEL: 2 mg/m3 TWA: 2 mg/m3	STEL: 2 mg/m3
Phosphoric acid 7664-38-2	STEL: 3 mg/m3 TWA: 1 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3	STEL: 4 mg/m3 TWA: 2 mg/m3	STEL: 2 mg/m3 TWA: 1 mg/m3
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/m3 TWA: 0.2 mg/m3	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

Physical stateLiquidAppearanceClearColourColorlessOdourPungentOdour ThresholdNo Information

**pH** 4

Melting Point, °C No Information

Flash Point, °C 93

Boiling Range, °C 100 - 1,390

Combustibility Does not Support Combustion

Vapor Pressure, mmHgNo InformationVapor densityNo Information

Specific Gravity (g/cm3) 1.040

Solubility in water

Partition Coefficient, n-octanol/water

Auto-Ignition Temperature, °C

Decomposition temperature, °C

Viscosity

Soluble in water

No Information

No Information

No Information

9.2. Other information

Volatile organic compounds (VOC) content. Negligible

# 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**

The product itself has not been tested

Data on individual components are tabulated below

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

ATEmix (oral) N.R.
ATEmix (dermal) N.R.

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
79-33-4	L(+) LACTIC ACID	N.R.	N.R.	N.R.
68439-46-3	Ethoxylated alcohols, C9-C11	N.R.	N.R.	N.R.
1310-73-2	Sodium hydroxide	N.R.	1350 mg/kg Rabbit	N.R.
7664-38-2	Phosphoric acid	1530 mg/kg Rat	2740 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.

#### Skin corrosion/irritation.

SKIN IRRITANT.

## 11.2. Information on other hazards

#### **Endocrine disrupting properties**

N.A.

Other information.

N.A.

# **SECTION 12: Ecological information**

### 12.1. Toxicity

1.39% 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.
L(+) LACTIC ACID 79-33-4	N.D.	LC50 96 h Brachydanio rerio 320 mg/L, LC50 96 h Lepomis macrochirus 100 - 180 mg/L, LC50 96 h Oncorhynchus mykiss 100 - 180 mg/L	EC50 48 h Daphnia magna 240 mg/L, EC50 48 h Daphnia magna 180 - 320 mg/L
Ethoxylated alcohols, C9-C11 68439-46-3	N.D.	N.D.	N.D.
Sodium hydroxide 1310-73-2	N.D.	LC50 96 h Oncorhynchus mykiss 45.4 mg/L	N.D.
Phosphoric acid 7664-38-2	N.D.	N.D.	N.D.

MIXTURE OF 5-CHLORO-2- METHYL-4-ISOTHIAZOLIN-3- ONE AND 2-METHYL-2 H- ISOTHIAZOL-3-ONE (3:1)	N.D.	N.D.	N.D.
55965-84-9			

#### 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)
79-33-4	L(+) LACTIC ACID	N.I.	-0.54
68439-46-3	Ethoxylated alcohols, C9-C11	N.I.	N.I.
1310-73-2	Sodium hydroxide	N.I.	N.I.
7664-38-2	Phosphoric acid	N.I.	N.I.
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)	>=-0.32 - <=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
14.3. Transport hazard class(es)	not regulated
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 numberNo Information14.2. UN proper shipping namenot regulated14.3. Transport hazard class(es)not regulated

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 numberNo Information14.2. UN proper shipping namenot regulated14.3. Transport hazard class(es)not regulated14.4. Packing groupNo 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 3 French table of occupational diseases

Not applicable

#### 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
79-33-4	L(+) LACTIC ACID	No.	Yes.
1310-73-2	Sodium hydroxide	No.	Yes.
7664-38-2	Phosphoric acid	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.

TSCA DSL EINECS/ELINCS ENCS IECSC KECI PICCS -

AIIC -NZIoC -

TSCA United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL** Canadian Domestic Substances List.

EINECS/ELINCS European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.

ENCSJapan Existing and New Chemical Substances.IECSCChina Inventory of Existing Chemical Substances.KECLKorean Existing and Evaluated Chemical Substances.

PICCS Philippines Inventory of Chemicals and Chemical Substances.

AllC Australian Inventory of Industrial Chemicals.

NZIoC New Zealand Inventory of Chemicals.

#### 15.2. Chemical safety assessment

No.

# **SECTION 16: Other information**

Revision Date 4/17/2023

Indication of changes: 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.