

# SAFETY DATA SHEET

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

## SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1. Product Identifier

Zoflora Disinfectant Mist Lemon Zing

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

Household hygienic cleaning product

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

Supplier name: Thornton & Ross  
Supplier address: Linthwaite, Huddersfield, HD7 5QH  
Telephone: +44 (0) 1484 842 217  
Fax: +44 (0) 1484 847 301  
Email: sds@thorntonross.com

### 1.4. Emergency telephone number

Telephone: +44 (0) 1484 848 164  
Available: Out of working hours

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008 (GB-CLP) the mixture is classified as.

Physical hazards Aerosol 1 - H222, H229  
Health hazards Eye Irrit. 2 - H319  
Environmental hazards Not Classified

### 2.2. Label elements

Hazard Pictograms



Signal word Danger

Hazard statements  
H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated.  
H319 Causes serious eye irritation.

Precautionary statements  
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.  
P264 Wash contaminated skin thoroughly after handling.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
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.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

### 2.3. Other hazards

None known

### SECTION 3: Composition/Information on Ingredients

#### 3.2. Mixtures

Hazardous Ingredient(s)	%w/w	CAS no EC/List no REACH reg. no	Hazard Classification	H Statements
Ethanol	74.0%	64-17-5 200-578-6	Flam. Liq. 2 Eye Irr. 2	225 319
Petroleum Gases, Liquefied	10-30%	68476-85-7 270-704-2	Flam. Gas 1 Press. Gas (Liq.)	220 280
Sodium Nitrite	<1%	7632-00-0 231-555-9 M Factor (Acute) = 1	Ox. Sol. 3 Acute Tox. 3 Aquatic Acute 1	272 301 400

\*Full text of H-Phrases can be found in Section 16.3

### SECTION 4: First Aid Measures

#### 4.1. Description of first aid measures

If inhaled: Remove from exposure and get fresh air. If symptoms develop get medical attention.

If on skin: Wash skin thoroughly with water and soap. If irritation persists seek medical advice.

If in eyes: Rinse with plenty of water for at least 10 minutes. If irritation persists seek medical advice.

If swallowed: Wash out mouth with water. If symptoms develop seek medical attention.

Other first aid advice: None Known

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

If inhaled: None Known

If on skin: None Known

If in eyes: None Known

If swallowed: None Known

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

Medical treatment: If unsure about any symptoms contact a doctor or emergency service.

### SECTION 5: Firefighting Measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Foam, carbon dioxide or powder extinguishers.

Unsuitable extinguishing media: Do not use water jet.

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

Pressurised container: may burst if heated

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing. Containers close to the fire should be removed or cooled with water. Use water to keep exposed containers cool and disperse vapours.

### SECTION 6: Accidental Release Measures

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

Non-emergency personnel:	Wear appropriate protective clothing, No smoking, sparks, flames or other sources of ignition near spillage
Emergency personnel:	Wear appropriate protective clothing, No smoking, sparks, flames or other sources of ignition near spillage

### 6.2. Environmental precautions

Prevent material entering drains and watercourses. Advise local authorities if spillage has entered watercourses and sewer.

### 6.3. Methods and material for containment and cleaning up

Eliminate all sources of ignition. Provide adequate ventilation. Absorb onto inert material and transfer to suitable containers for disposal by a licensed waste contractor.

### 6.4. Reference to other sections

See Section 8 for protective equipment requirements.

## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling

Handling:	Avoid contact with skin and eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking
Hygiene:	Do not eat, drink or smoke while using this product. Wash hands thoroughly after use.

### 7.2. Conditions for safe storage, including any incompatibilities

Store below 25°C, store away from light and heat.

### 7.3. Specific end use(s)

Household hygienic cleaning product

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

Ethanol:	Long-term exposure limit (8-hour TWA): WEL 1000 ppm/1920 mg/m <sup>3</sup>
Petroleum Gases, Liquefied:	Long-term exposure limit (8-hour TWA): WEL 1000 ppm/1750 mg/m <sup>3</sup>
	Short-term exposure limit (15-minute): WEL 1250 ppm/2180mg/m <sup>3</sup>
	WEL = Workplace Exposure Limit

### 8.2. Exposure controls

Engineering controls:	Ensure adequate ventilation.
Eye/Face protection:	Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards EN 166(EU).
Hand protection:	Not required
Skin Protection:	Overalls must be worn when handling large quantities
Other protection:	Not required
Respiratory protection:	Not required
Thermal hazards:	None known
Environmental controls:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. See Section 6.2

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

Appearance:	Aerosol
Odour:	Characteristic
Odour threshold:	Not determined
PH:	Not determined
Melting/freezing point:	Not determined
Initial boiling point:	Not determined
Boiling range:	Not determined
Flash point:	Not determined
Evaporation rate:	Not determined
Flammability:	Not determined
Decomposition temperature:	Not determined
Viscosity :	Not determined
Upper explosive limit:	Not determined
Lower explosive limit:	Not determined
Vapour pressure:	Not determined
Vapour density (Air=1):	Not determined
Relative density:	Not determined
Solubility:	Not determined
Partition coefficient:	Not determined
Auto ignition temperature:	Not determined
Oxidizing properties:	Not determined
Explosive properties:	Not determined

**9.2. Other information**

Not available

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

Stable at normal ambient temperatures.

**10.2. Chemical stability**

Stable at normal ambient temperatures

**10.3. Possibility of hazardous reactions**

None known

**10.4. Conditions to avoid**

Avoid exposing aerosol containers to high temperatures or direct sunlight.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

None known

**SECTION 11: Toxicological Information****11.1. Information on toxicological effects**

ATE oral (mg/kg): 100,000.0

Skin corrosion/irritation: May irritate skin

Serious eye damage/irritation: Causes serious eye irritation

Respiratory or skin sensitisation: Some perfumes may cause sensitisation by skin contact

Germ cell mutagenicity: Data not available

Carcinogenicity: Data not available

Reproductive toxicity: Data not available

STOT-single exposure: Data not available

STOT-repeated exposure: Data not available

Aspiration hazard: Data not available

**11.2. Other information**

Not applicable

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

Data not available

**12.2. Persistence and degradability**

Data not available

**12.3. Bioaccumulate potential**

Data not available

**12.4. Mobility in soil**

Data not available

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

Data not available

**12.6. Other adverse effects**

Not applicable

**SECTION 13: Disposal Considerations**

### 13.1. Waste treatment methods

Dispose of waste, residues or used containers in accordance with local authority requirements.

## SECTION 14: Transport Information

### 14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

### 14.2. UN proper shipping name

(ADR/RID)	AEROSOLS
(IMDG)	AEROSOLS
(ICAO)	AEROSOLS
(ADN)	AEROSOLS

### 14.3. Transport hazard class (es)

ADR/RID class	2.1
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ADR/RID classification code 5F

ADR/RID label	2.1
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IMDG class	2.1
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ICAO class/division	2.1
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ADN class	2.1
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Transport labels



### 14.4. Packing group

N/A

### 14.5. Environmental hazards

N/A

### 14.6. Special precautions for user

EmS	F-D, S-U
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ADR transport category	2
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Tunnel restriction code	(D)
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### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

N/A

### Additional Information:

N/A

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

Not regulated by specific legislation

**15.2. Chemical safety assessment**

Not available

**SECTION 16: Other Information****16.1. Reason for change**

New Product

**16.2. Sources of information**

Ingredient safety data sheet(s), C&L Inventory and REACH Dossiers.

**16.3. Full text of H phrases from Section 3**

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H229 Pressurised container: may burst if heated.

H272 May intensify fire; oxidiser.

H280 Contains gas under pressure; may explode if heated.

H301 Toxic if swallowed.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

**16.4. Method of evaluation**

Hazards for mixture calculated in accordance with Regulation (EC) No. 1272/2008 (GB-CLP) using the information provided for constituents (ingredients).