



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

### 1.1 Product identifier

- Product Name: LEMON VIBE
- Product Part Number: VIBE

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

- Use of the substance/mixture: Heavy duty powder for commercial carpet cleaning - Professional use

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

Cleaning Warehouse Ltd  
 Unit A10, The Square,  
 Grants Rd, Greenogue Business Park  
 Rathcoole, Dublin 24  
 D24H512

### 1.4 Emergency telephone number

- Emergency Telephone: 01-8092166 National Poison Centre Beaumont

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2

### 2.2 Label elements



GHS09 GHS07 GHS05

- Signal Word: Danger
- Hazard statements
  - H411 - Toxic to aquatic life with long lasting effects.
  - H315 - Causes skin irritation.
  - H318 - Causes serious eye damage.
  - H317 - May cause an allergic skin reaction.
- 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.
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  - P310 - Immediately call a POISON CENTER or doctor/physician.
  - P273 - Avoid release to the environment.
  - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
  - P391 - Collect spillage.
  - P362+P364 - Take off contaminated clothing and wash it before reuse.

## SECTION 2: Hazards identification (....)

### 2.3 Other hazards

- Contains: TETRASODIUM ETHYLENE DIAMINE TETRAACETATE  
DIPENTENE

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

- SODIUM CARBONATE  
CAS Number: 497-19-8  
EC Number: 207-838-8  
Concentration: 10-20%  
Categories: Eye Irrit. 2  
Symbols: GHS07  
H Statements: H319
- 1-HEPTANOL, 2-PROPYL-,ETHOXYLATED ( > 5 - <=10 EO )  
CAS Number: 160875-66-1  
EC Number:  
Concentration: 2-5%  
Categories: Acute Tox. 4, Eye Dam. 1  
Symbols: GHS05, GHS07  
H Statements: H302, H318
- 1-METHOXY-2-PROPANOL  
CAS Number: 107-98-2  
EC Number: 203-539-1  
Concentration: 2-5%  
Categories: Flam. Liq. 3, STOT SE 3  
Symbols: GHS02;GHS07  
H Statements: H226;H336
- DIPROPYLENEGLYCOL METHYLEETHER  
CAS Number: 34590-94-8  
EC Number: 252-104-2  
Concentration: 2-5%  
Categories:  
Symbols:  
H Statements:
- SODIUM METASILICATE PENTAHYDRATE  
CAS Number: 10213-79-3  
EC Number: 229-912-9  
Concentration: 2-5%  
Categories: Met. Corr. 1, Skin Corr. 1B, STOT SE 3  
Symbols: GHS05, GHS07  
H Statements: H290, H314, H335
- TETRASODIUM ETHYLENE DIAMINE TETRAACETATE  
CAS Number: 64-02-8

### SECTION 3: Composition/information on ingredients (....)

EC Number: 200-573-9  
Concentration: 2-5%  
Categories: Acute Tox. 4, Eye Dam. 1  
Symbols: GHS05;GHS07  
H Statements: H302;H318

- DIPENTENE

CAS Number: 138-86-3  
EC Number: 205-341-0  
Concentration: 2-5%  
Categories: Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1  
Symbols: GHS02;GHS07;GHS09  
H Statements: H226;H315;H317;H400;H410

- REACTION PRODUCT OF BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS. AND BENZENESULFONIC ACID, 4-METHYL- AND SODIUM HYDROXIDE

CAS Number:  
EC Number: 932-051-8  
Concentration: 0-1%  
Categories: Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3  
Symbols: GHS05  
H Statements: H315, H318, H412

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- Wash contaminated clothing before reuse.
- Contact with eyes  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Seek medical advice
- Contact with skin  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice/attention.
- Ingestion  
Do not induce vomiting  
Give plenty of water to drink  
Get medical advice/attention.
- Inhalation  
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Get medical advice/attention if you feel unwell.

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

Damage to eyes and irritation to skin. Irritant effects may be delayed, for example if product is trapped in clothing.

#### 4.3 Indication of any immediate medical attention and special treatment needed - Immediately call a POISON CENTER or doctor/physician.

## **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

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

- May give off noxious and toxic fumes in a fire

### 5.3 Advice for firefighters

- Wear Breathing Apparatus

## **SECTION 6: Accidental release measures**

Damp down to avoid dust generation

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

- Avoid raising dust
- Wear eye/face protection

### 6.2 Environmental precautions

- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

- Collect as much as possible in clean container for reuse or disposal
- Remove contaminated material to safe location for subsequent disposal
- Flush spill area with copious amounts of water

### 6.4 Reference to other sections

- See Section 8 for protective equipment

## **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

- Do not allow dust to accumulate on surfaces and equipment
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.

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

- Keep container tightly closed, in a cool, well ventilated place

### 7.3 Specific end use(s)

See section 1.2

## **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

Name type Long term (8hrTWA) Short term (15mins)

Dust, total WEL 10mg/m<sup>3</sup>

Dust, respirable WEL 4mg/m<sup>3</sup> 1-Methoxy-2-propanol WEL 100ppm(sk)

## SECTION 8: Exposure controls/personal protection (....)

150ppm(sk)

2-Methoxymethylethoxypropanol WEL 50ppm(sk)

- SODIUM CARBONATE
  - DNEL (Industry; inhalational, long term local effects): 10 mg/m<sup>3</sup>
  - DNEL (Consumer; inhalational, short term local effects): 10 mg/m<sup>3</sup>
- SODIUM METASILICATE PENTAHYDRATE
  - DNEL (Industry; inhalational, long term local effects):
  - DNEL (Consumer; inhalational, short term local effects):
  - DNEL (Consumer: Dermal, long term): 0.74 mg/kg/day
  - DNEL (Consumer: Inhalation, long term): 1.55 mg/m<sup>3</sup>
  - DNEL (Consumer: Oral, long term): 0.74 mg/kg/day
  - DNEL (Industry: Dermal, long term): 1.49 mg/kg/day
  - DNEL (Industry: Inhalation, long term): 6.22 mg/m<sup>3</sup>
- 1-METHOXY-2-PROPANOL
  - DNEL (Industry; inhalational, long term local effects):
  - DNEL (Consumer; inhalational, short term local effects):
  - DNEL (Industry; inhalational, short term systemic effects): 553.5 mg/m<sup>3</sup>
  - DNEL (Industry; inhalational, short term local effects): 553.5 mg/m<sup>3</sup>
  - DNEL (Industry; dermal, long term systemic effects): 183 mg/kg/day
  - DNEL (Industry; inhalational, long term systemic effects): 369 mg/m<sup>3</sup>
  - DNEL (Consumer; dermal, long term systemic effects): 78 mg/kg/day
  - DNEL (Consumer; inhalational, long term systemic effects): 43.9 mg/m<sup>3</sup>
- DIPROPYLENEGLYCOL METHYLEETHER
  - DNEL (Industry; inhalational, long term local effects):
  - DNEL (Consumer; inhalational, short term local effects):
  - DNEL (Industry; dermal, long term systemic effects): 283 mg/kg/day
  - DNEL (Industry; inhalational, long term systemic effects): 308 mg/kg
  - DNEL (Consumer; dermal, long term systemic effects): 121 mg/kg/day
  - DNEL (Consumer; inhalational, long term systemic effects): 37.2 mg/m<sup>3</sup>

### 8.2 Exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.
- No respiratory protection is required unless subject to contact with substance mist

Gloves Goggles

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Off-white powder
- Odour: Pine odour
- Boiling Point/Range: N/A
- Density: 0.8 g/cm<sup>3</sup> at 20 °C
- Flashpoint:
- pH: 11.0 at 1 % concentration

### 9.2 Other information

## SECTION 9: Physical and chemical properties (....)

- No information available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

None known

### 10.4 Conditions to avoid

- No special precautions are required for this product

### 10.5 Incompatible materials

- Incompatible with acid

### 10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### - SODIUM CARBONATE

LD<sub>50</sub> (oral, rat): 2,800 mg/kg

LD<sub>50</sub> (skin, rat): 2,000 mg/kg

LC<sub>50</sub> (inhalation, rat): 2,300 dust/mist mg/l

#### - DIPENTENE

LD<sub>50</sub> (oral, rat): >2000 or 4400 mg/kg

LD<sub>50</sub> (skin, rat):

LC<sub>50</sub> (inhalation, rat):

LD<sub>50</sub> (dermal, rabbit): >5000 mg/kg

#### - 1-METHOXY-2-PROPANOL

LD<sub>50</sub> (oral, rat): 4,016 mg/kg

LD<sub>50</sub> (skin, rat): >2000 mg/kg

LC<sub>50</sub> (inhalation, rat): 28.8 mg/l

#### - DIPROPYLENEGLYCOL METHYLEETHER

LD<sub>50</sub> (oral, rat): 8,740 mg/kg

LD<sub>50</sub> (skin, rat):

LC<sub>50</sub> (inhalation, rat): 3,404.47 mg/l

LD<sub>50</sub> (dermal, rabbit): 9,510 mg/kg

#### - DIPENTENE

LD<sub>50</sub> (oral, rat): >2000 or 4400 mg/kg

LD<sub>50</sub> (skin, rat):

LC<sub>50</sub> (inhalation, rat):

## SECTION 11: Toxicological information (....)

LD<sub>50</sub> (dermal, rabbit): >5000 mg/kg

## SECTION 12: Ecological information

### 12.1 Toxicity

- SODIUM METASILICATE PENTAHYDRATE
  - PNEC (Fresh water): 7.5 mg/l
  - PNEC (Marine water): 1 mg/l
  - PNEC (STP): 1000 mg/l
- 1-METHOXY-2-PROPANOL
  - PNEC (Fresh water): 10 mg/l
  - PNEC (Marine water): 1 mg/l
  - PNEC (STP): 100 mg/l
  - PNEC (Sediment; fresh water): 52.3 mg/kg/day
  - PNEC (Soil): 4.59 mg/kg/day
  - PNEC (Sediment; marine water): 5.2 mg/kg/day
- DIPENTENE
  - PNEC (Fresh water): 5.4 µg/l
  - PNEC (Marine water): 0.54 µg/l
  - PNEC (STP): 1.8 mg/l
  - PNEC (Sediment; fresh water): 1.649 mg/kg (dw)
  - PNEC (Sediment; marine water): 0.165 mg/kg (dw)
  - PNEC (Soil): 0.328 mg/kg (dw)
- DIPROPYLENEGLYCOL METHYLEETHER
  - PNEC (Fresh water): 19 mg/l
  - PNEC (Marine water): 1.9 mg/l
  - PNEC (STP): 4168 mg/l
  - PNEC (Sediment; fresh water): 70.2 mg/kg/day
  - PNEC (Soil): 2.74 mg/kg/day
  - PNEC (Sediment; marine water): 7.02 mg/kg/day
- REACTION PRODUCT OF BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS.  
AND BENZENESULFONIC ACID, 4-METHYL- AND SODIUM HYDROXIDE
  - PNEC (Fresh water): 0.268 mg/l
  - PNEC (Marine water): 0.0268 mg/l
  - PNEC (STP): 5.6 mg/l

### 12.2 Persistence and degradability

- No information available

### 12.3 Bioaccumulative potential

- Low bioaccumulation potential

### 12.4 Mobility in soil

- soluble in water

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

## SECTION 12: Ecological information (....)

### 12.6 Other adverse effects

- May cause long-term adverse effects in the environment

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation

## SECTION 14: Transport information



Dangerous Substance ENVIRONMENTALLY HAZARDOUS

### 14.1 UN number or ID number

- UN No.: 3077

### 14.2 UN proper shipping name

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

### 14.3 Transport hazard class(es)

- Hazard Class: 9

### 14.4 Packing group

- Packing Group: III

### 14.5 Environmental hazards

- Marine Pollutant
- ENVIRONMENTALLY HAZARDOUS

### 14.6 Special precautions for user

- No special precautions are required for this product

### 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 - The Chemicals (Hazard Information and Packaging) Regulations applies in the UK

### 15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out

## SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H226: Flammable liquid and vapour. H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation.



H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H400: Very toxic to

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LEMON VIBE

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## **SECTION 16: Other information (....)**

aquatic life. H410: Very toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Goods by Road  
ATE Acute Toxicity Estimate  
CAS Chemical Abstracts Service  
CHIP Chemicals (Hazard Information and Packaging) Regulations—Directives 1999/45.EC and 67/548/EC  
CLP Classification and Labelling of Chemicals—Regulation (EC) No. 1272/2008  
CMR Carcinogenic-Mutagenic-Toxic for reproduction  
DNEL Derived No Effect Level  
EINECS European Inventory of Existing Commercial Chemical Substances  
GHS Globally Harmonised System of Classification and Labelling of Chemicals  
IATA International Air Transport Association  
IMDG International Maritime Dangerous Goods Code  
LC50 Lethal Concentration, 50%  
LD50 Lethal Dose, 50%  
MARPOL International Convention for the Prevention of Pollution From Ships  
NOEC No Observed Effect Concentration  
NOAEL No Observed Adverse Effect Level  
OEL Occupational Exposure Limit  
PBT Persistent, Bioaccumulative, Toxic  
PNEC Predicted No Effect Concentration  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
vPvB very Persistent, very Bioaccumulative  
RID Convention concerning International Carriage by Rail  
STP Sewage Treatment Plants  
WEL Workplace Exposure Limit  
VOC Volatile Organic Compound

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