SAFETY DATA SHEET

# CalCheck VP-2S - Aerosol

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

### 1.1. Product identifier

**Trade name**

CalCheck VP-2S - Aerosol

**Product no.**

1561/400

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

**Relevant identified uses of the substance or mixture**

Industrial purposes
Restricted to professional users.

**Uses advised against**

Industrial purposes

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

**Company and address**

**Callington (Thailand) Co., Ltd.**
26/80 (A12) Moo.7, Rachathewa, Bangplee
10540 Samut Prakarn
Thailand
+66(0)2 098 8288
www.callington.com

**E-mail**

thailand@callington.com

**SDS date**

4/11/2024

**SDS Version**

1.0

### 1.4. Emergency telephone number

In an emergency call 000
In less severe situations call the Poisons Information Centre: 13 11 26 (Available 24/7 from anywhere in Australia)
See section 4 “First aid measures”.

## SECTION 2: Hazards identification

This material is considered hazardous according to the Work Health and Safety Regulations.

### 2.1. Classification of the substance or mixture

Aerosol 1; H222, H229, Extremely flammable aerosol. Pressurised container: May burst if heated.
Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

### 2.2. Label elements

**Hazard pictogram(s)**

**Signal word**

Danger

**Hazard statement(s)**

Extremely flammable aerosol. Pressurised container: May burst if heated. (H222, H229)
May be fatal if swallowed and enters airways. (H304)

**Precautionary statement(s)**

General

-

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Do not spray on an open flame or other ignition source. (P211)
Do not pierce or burn, even after use. (P251)

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)
Do NOT induce vomiting. (P331)

Storage

Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F. (P410+P412)

Disposal

Dispose of contents/container in accordance with local regulation
(P501)

### Hazardous substances

Distillates (petroleum), hydrotreated light;Kerosine - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]

### Additional labelling

Not applicable.

## 2.3. Other hazards

### Additional warnings

In the event of leaks, high concentrations of gases can quickly form. They can be toxic, asphyxiating, or explosive.

# SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable. This product is a mixture.

## 3.2. Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---|---|---|---|---|
| Petroleum gases, liquefied;Petroleum gas;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately –40 °C to 80 °C (– 40 °F to 176 °F).] | CAS No.: 68476-85-7<br>EC No.: 270-704-2 | 30-60% | Flam. Gas 1A, H220<br>Press. Gas (Liq.) , H280 | [19] |
| Distillates (petroleum), hydrotreated light;Kerosine - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).] | CAS No.: 64742-47-8<br>EC No.: 265-149-8 | 30-60% | Asp. Tox. 1, H304 | [19] |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

#### Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER/doctor.
Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

#### Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

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

IF exposed or concerned:
Get immediate medical advice/attention.

### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Extremely flammable aerosol. Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.
In use may form flammable/explosive vapour-air mixture.
Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Carbon oxides (CO / CO2)

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure call the NSW Poisons Information Centre on 13 11 26 (Available 24/7) in order to obtain further advice.
Hazchem Code: None

## SECTION 6: Accidental release measures

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

Accidental releases always pose a serious risk of fire or explosion.
Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.
Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.
Pressurized gas packs (spray cans, aerosol cans) must be stored behind a wire mesh, which allows gases to escape and holds back packs flying around.

#### Recommended storage material

Keep only in original packaging.

#### Storage conditions

Dry, cool and well ventilated

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Petroleum gases, liquefied;Petroleum gas;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately – 40 °C to 80 °C (– 40 °F to 176 °F).]
Long term exposure limit (8 hours) (ppm): 1000
Long term exposure limit (8 hours) (mg/m$^3$): 1800

p-xylene;m-xylene;xylene;o-xylene
Long term exposure limit (8 hours) (ppm): 80
Long term exposure limit (8 hours) (mg/m$^3$): 350
Short term exposure limit (15 minutes) (ppm): 150
Short term exposure limit (15 minutes) (mg/m$^3$): 655

ethylbenzene
Long term exposure limit (8 hours) (ppm): 100
Long term exposure limit (8 hours) (mg/m$^3$): 434
Short term exposure limit (15 minutes) (ppm): 125

Short term exposure limit (15 minutes) (mg/m$^3$): 543

Workplace exposure standards for airborne contaminants (Safe Work Australia).

### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

#### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

#### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

#### Individual protection measures, such as personal protective equipment

##### Generally

Use only protective equipment that carries the RCM symbol.

##### Respiratory Equipment

No specific requirements

##### Skin protection

No specific requirements.

##### Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|---|---|---|---|
| No special when used as intended | - | - | - |

##### Eye protection

No specific requirements.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Form

Aerosol

#### Colour

Red

#### Odour

No data available

#### Odour threshold (ppm)

No relevant or available data due to the nature of the product.

#### pH

No data available

#### Density (g/cm$^3$)

No data available

#### Relative density

No data available

#### Kinematic viscosity

No data available

#### Particle characteristics

No data available

#### Phase changes

##### Melting point (°C)

No data available

Softening point/range (°C)
Does not apply to aerosols.
Boiling point (°C)
No data available
Vapour pressure
No data available
Relative vapour density
No data available
Decomposition temperature (°C)
No data available
Data on fire and explosion hazards
Flash point (°C)
No data available
Flammability (°C)
The material is ignitable.
Auto-ignition temperature (°C)
No data available
Explosion limits (% v/v)
No data available
Solubility
Solubility in water
No data available
n-octanol/water coefficient (LogKow)
No data available
Solubility in fat (g/L)
No data available
9.2. Other information
Critical temperature (pure gas) (°C)
Based on available data, the classification criteria are not met.
Evaporation rate (n-butylacetate = 100)
No data available
Other physical and chemical parameters
No data available.
Oxidizing properties
No data available

## SECTION 10: Stability and reactivity

10.1. Reactivity
No data available.
10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.
10.3. Possibility of hazardous reactions
None known.
10.4. Conditions to avoid
Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.
Extremes of temperature
10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced

## SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity
Based on available data, the classification criteria are not met.
Skin corrosion/irritation

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

### Serious eye damage/irritation
Based on available data, the classification criteria are not met.

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

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

### Germ cell mutagenicity
Based on available data, the classification criteria are not met.

### Carcinogenicity
Based on available data, the classification criteria are not met.
p-xylene;m-xylene;xylene;o-xylene has been classified by IARC as a group 3 carcinogen.

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

### STOT-single exposure
Based on available data, the classification criteria are not met.

### STOT-repeated exposure
Based on available data, the classification criteria are not met.

### Aspiration hazard
May be fatal if swallowed and enters airways.

### Long term effects
None known.

## SECTION 12: Ecological information

### 12.1. Toxicity
No data available.

### 12.2. Persistence and degradability
Based on available data, the classification criteria are not met.

### 12.3. Bioaccumulative potential
Based on available data, the classification criteria are not met.

### 12.4. Mobility in soil
No data available.

### 12.5. Results of PBT and vPvB assessment
This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Other adverse effects
None known.

## SECTION 13: Disposal considerations

### Waste treatment methods
Dispose of contents/container to an approved waste disposal plant.

### Specific labelling

### Contaminated packing
Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|---|---|---|---|---|---|---|
| ADG | UN1950 | AEROSOLS | Transport hazard class: 2<br>Label: 2.1<br>Classification code: 5F<br>  | - | No | Limited quantities: 1 L<br>Tunnel restriction code: (D) |

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|---|---|---|---|---|---|---|
| | | | | | | See below for additional information. |
| IMDG | UN1950 | AEROSOLS | Transport hazard class: 2<br>Label: 2.1<br>Classification code: 5F<br>  | - | No | Limited quantities: 1 L<br>EmS: F-D S-U<br>See below for additional information. |
| IATA | UN1950 | AEROSOLS | Transport hazard class: 2<br>Label: 2.1<br>Classification code: 5F<br>  | - | No | See below for additional information. |

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.
ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.
Hazchem Code: None

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application

Restricted to professional users.
People under the age of 18 shall not be exposed to this product.

Demands for specific education

No specific requirements.

Control of major hazard facilities

Not applicable.

Additional information

Not applicable.

The Australian Inventory of Industrial Chemicals (AIIC)

Petroleum gases, liquefied;Petroleum gas;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and

boiling in the range of approximately – 40 °C to 80 °C (– 40 °F to 176 °F).] is listed
Distillates (petroleum), hydrotreated light;Kerosine - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).] is listed
p-xylene;m-xylene;xylene;o-xylene is listed
ethylbenzene is listed

Sources

Model Work Health and Safety Regulations as at 1 January 2021.

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

H220, Extremely flammable gas.
H280, Contains gas under pressure; may explode if heated.
H304, May be fatal if swallowed and enters airways.

### The full text of identified uses as mentioned in section 1

None known.

### Abbreviations and acronyms

ADG = The Australian Code for the Transport of Dangerous Goods by Road & Rail
AICIS = Australian Industrial Chemicals Introduction Scheme
AIIC = Australian Inventory of Industrial Chemicals
AS = Australian Standard
AS/NZS = Australian New Zealand Standard
ATE = Acute Toxicity Estimate
AUH = Hazard statements specific for Australia
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
EINECS = European Inventory of Existing Commercial chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem = Hazardous chemicals
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. (""Marpol"" = marine pollution)
NICNAS = National Industrial Chemicals Notification and Assessment Scheme (replaced by AICIS since 2020)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
RCM = Regulatory Mark of Conformity
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL = A specific concentration limit
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative
WHS = Work Health and Safety Regulations

### Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the Work Health and Safety Regulations.
The classification of the mixture in regard to physical hazards has been based on experimental data.

### The safety data sheet is validated by

JG

### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: AU-en