



DE HEKSERIJ

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 10/31/2022 Revision date: 11/5/2025 Supersedes version of: 3/27/2024 Version: 4.0

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

#### 1.1. Product identifier

|                        |                                            |
|------------------------|--------------------------------------------|
| Product form           | : Substance                                |
| Substance name         | : Calone 1951 (Fir)                        |
| IUPAC name             | : 7-methyl-2H-benzo-1,5-dioxepin-3(4H)-one |
| EC-No.                 | : 249-320-4                                |
| CAS-No.                | : 28940-11-6                               |
| REACH registration No. | : 01-2120734453-58                         |
| Product code           | : 23070                                    |
| Formula                | : C10H10O3                                 |
| Product group          | : Trade product                            |

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

##### 1.2.1. Relevant identified uses

|                              |                                  |
|------------------------------|----------------------------------|
| Intended for general public  |                                  |
| Main use category            | : Professional use, Consumer use |
| Use of the substance/mixture | : Fragrance raw material         |

##### 1.2.2. Uses advised against

No additional information available

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

De Hekserij  
Spoorstraat 57  
8271 RG IJsselmuiden  
Nederland  
T +31 383 557 927  
[hekserij@hekserij.nl](mailto:hekserij@hekserij.nl), [www.hekserij.nl](http://www.hekserij.nl)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|                                                               |      |
|---------------------------------------------------------------|------|
| Skin corrosion/irritation, Category 1, Sub-Category 1B        | H314 |
| Serious eye damage/eye irritation, Category 1                 | H318 |
| Specific target organ toxicity – Single exposure, Category 3, | H336 |
| Narcosis                                                      |      |
| Full text of H- and EUH-statements: see section 16            |      |

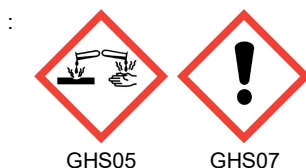
##### Adverse physicochemical, human health and environmental effects

May cause drowsiness or dizziness. Causes severe skin burns and eye damage. Causes serious eye damage.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements (CLP)        | : H314 - Causes severe skin burns and eye damage.<br>H336 - May cause drowsiness or dizziness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Precautionary statements (CLP) | : P260 - Do not breathe dust.<br>P264 - Wash hands thoroughly after handling.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P280 - Wear protective gloves, protective clothing, eye protection, face protection.<br>P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 - Immediately call a doctor, a POISON CENTER.<br>P363 - Wash contaminated clothing before reuse.<br>P403+P233 - Store in a well-ventilated place. Keep container tightly closed.<br>P405 - Store locked up.<br>P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

|                |                     |
|----------------|---------------------|
| Substance type | : Mono-constituent  |
| Name           | : Calone 1951 (Fir) |
| CAS-No.        | : 28940-11-6        |
| EC-No.         | : 249-320-4         |

| Name                                     | Product identifier                                                     | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------------------------|------------------------------------------------------------------------|-----------|-----------------------------------------------------------------|
| 7-methyl-2H-benzo-1,5-dioxepin-3(4H)-one | CAS-No.: 28940-11-6<br>EC-No.: 249-320-4<br>REACH-no: 01-2120734453-58 | $\geq 50$ | Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>STOT SE 3, H336      |

Full text of H- and EUH-statements: see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                      |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Call a physician immediately.                                                                                                                      |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                                                     |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.                                        |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion    | : Rinse mouth. Do not induce vomiting. Call a physician immediately.                                                                                 |
| Self protection of the first-aiders   | : First aid workers will be equipped with suitable personal protective equipment.                                                                    |

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

|                                     |                                                                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : May cause drowsiness or dizziness.                                                                                                   |
| Symptoms/effects after inhalation   | : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure. |
| Symptoms/effects after skin contact | : Burns.                                                                                                                               |
| Symptoms/effects after eye contact  | : Serious damage to eyes.                                                                                                              |
| Symptoms/effects after ingestion    | : Burns.                                                                                                                               |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |                                    |
|--------------------------------|------------------------------------|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam.   |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

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

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Fire hazard                                      | : No fire hazard.              |
| Explosion hazard                                 | : No direct explosion hazard.  |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

### 5.3. Advice for firefighters

|                                |                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

## SECTION 6: Accidental release measures

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

|                  |                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------|
| General measures | : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|-------------------------------------------------------------------------------------------------------------|

#### 6.1.1. For non-emergency personnel

|                      |                                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment.                                                             |
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. |

#### 6.1.2. For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel.                                                                                                                           |

### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------|
| For containment         | : Using a clean shovel, put the material in a dry container and cover without compressing it. |
| Methods for cleaning up | : Mechanically recover the product.                                                           |
| Other information       | : Dispose of materials or solid residues at an authorized site.                               |

### 6.4. Reference to other sections

For further information refer to section 13.

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                                   |                                                                                                                                                                          |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use.                                                                               |
| Precautions for safe handling     | : Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. |
| Hygiene measures                  | : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.                             |

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

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| Technical measures  | : Keep in a cool, well-ventilated place away from heat.                             |
| Storage conditions  | : Store locked up. Store in a well-ventilated place. Keep container tightly closed. |
| Packaging materials | : Store always product in container of same material as original container.         |

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment:

Wear recommended personal protective equipment.

###### Personal protective equipment symbol(s):



###### 8.2.2.1. Eye and face protection

###### Eye protection:

Safety glasses

###### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing

###### Hand protection:

Protective gloves

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                                                 |                                                               |
|-------------------------------------------------|---------------------------------------------------------------|
| Physical state                                  | : Solid                                                       |
| Colour                                          | : No data available                                           |
| Odour                                           | : No data available                                           |
| Odour threshold                                 | : No data available                                           |
| pH                                              | : No data available                                           |
| Relative evaporation rate (butylacetate=1)      | : No data available                                           |
| Melting point                                   | : 37.9 °C                                                     |
| Freezing point                                  | : Not applicable                                              |
| Boiling point                                   | : 267 °C Atm. press.: 99,59 kPa                               |
| Flash point                                     | : 135 °C Atm. press.: 102,41 kPa                              |
| Auto-ignition temperature                       | : Not applicable                                              |
| Decomposition temperature                       | : No data available                                           |
| Flammability (solid, gas)                       | : Non flammable.                                              |
| Vapour pressure                                 | : 0.87 Pa Temp.: 25 °C                                        |
| Relative vapour density at 20°C                 | : No data available                                           |
| Relative density                                | : No data available                                           |
| Density                                         | : 1350 kg/m³ Type: 'density' Temp.: 21,6 °C                   |
| Solubility                                      | : Insoluble in water. Soluble in ethanol.<br>Ethanol: 200 g/l |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                                           |
| Partition coefficient n-octanol/water (Log Kow) | : 1.95                                                        |
| Viscosity, kinematic                            | : Not applicable                                              |
| Viscosity, dynamic                              | : No data available                                           |
| Explosive properties                            | : No data available                                           |
| Oxidising properties                            | : No data available                                           |
| Explosive limits                                | : Not applicable                                              |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 10.5. Incompatible materials

No additional information available

### 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 (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### 7-methyl-2H-benzo-1,5-dioxepin-3(4H)-one (28940-11-6)

|               |                                                                                                                                                                                                             |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure) |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Skin corrosion/irritation : Causes severe skin burns.  
Serious eye damage/irritation : Causes serious eye damage.  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified

#### 7-methyl-2H-benzo-1,5-dioxepin-3(4H)-one (28940-11-6)

|                             |                                                                                                                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (animal/male, F0/P)   | ≥ 791 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:   |
| NOAEL (animal/female, F0/P) | ≥ 922 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other: |

STOT-single exposure : May cause drowsiness or dizziness.

#### 7-methyl-2H-benzo-1,5-dioxepin-3(4H)-one (28940-11-6)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

#### Calone 1951 (Fir) (28940-11-6)

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

#### 7-methyl-2H-benzo-1,5-dioxepin-3(4H)-one (28940-11-6)

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified.

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 7-methyl-2H-benzo-1,5-dioxepin-3(4H)-one (28940-11-6)

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | > 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                        |
| EC50 - Crustacea [1] | > 96.2 mg/l Test organisms (species): Daphnia magna                                                                                        |
| EC50 72h - Algae [1] | > 100 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |

### 12.2. Persistence and degradability

#### Calone 1951 (Fir) (28940-11-6)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### 7-methyl-2H-benzo-1,5-dioxepin-3(4H)-one (28940-11-6)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

#### Calone 1951 (Fir) (28940-11-6)

|                                                 |      |
|-------------------------------------------------|------|
| Partition coefficient n-octanol/water (Log Kow) | 1.95 |
|-------------------------------------------------|------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                            |                                                                                                                         |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                                              |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                           |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                                              |
| Product/Packaging disposal recommendations | : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations. |
| Additional information                     | : Do not re-use empty containers.                                                                                       |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                            | IMDG                                      | IATA                                           | ADN                                            | RID                                            |
|------------------------------------------------|-------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| <b>14.1. UN number</b>                         |                                           |                                                |                                                |                                                |
| UN 1759                                        | UN 1759                                   | UN 1759                                        | UN 1759                                        | UN 1759                                        |
| <b>14.2. UN proper shipping name</b>           |                                           |                                                |                                                |                                                |
| CORROSIVE SOLID,<br>N.O.S. (Calone 1951 (Fir)) | CORROSIVE SOLID,<br>N.O.S. (Calone (Fir)) | Corrosive solid, n.o.s.<br>(Calone 1951 (Fir)) | CORROSIVE SOLID,<br>N.O.S. (Calone 1951 (Fir)) | CORROSIVE SOLID,<br>N.O.S. (Calone 1951 (Fir)) |

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| ADR                                                                               | IMDG                                                                              | IATA                                                                              | ADN                                                                                 | RID                                                                                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Transport document description</b>                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| UN 1759 CORROSIVE SOLID, N.O.S. (Calone 1951 (Fir)), 8, II, (E)                   | UN 1759 CORROSIVE SOLID, N.O.S. (Calone (Fir)), 8, II                             | UN 1759 Corrosive solid, n.o.s. (Calone 1951 (Fir)), 8, II                        | UN 1759 CORROSIVE SOLID, N.O.S. (Calone 1951 (Fir)), 8, II                          | UN 1759 CORROSIVE SOLID, N.O.S. (Calone 1951 (Fir)), 8, II                          |
| <b>14.3. Transport hazard class(es)</b>                                           |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| 8                                                                                 | 8                                                                                 | 8                                                                                 | 8                                                                                   | 8                                                                                   |
|  |  |  |  |  |
| <b>14.4. Packing group</b>                                                        |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| II                                                                                | II                                                                                | II                                                                                | II                                                                                  | II                                                                                  |
| <b>14.5. Environmental hazards</b>                                                |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| Dangerous for the environment: No                                                 | Dangerous for the environment: No<br>Marine pollutant: No                         | Dangerous for the environment: No                                                 | Dangerous for the environment: No                                                   | Dangerous for the environment: No                                                   |
| No supplementary information available                                            |                                                                                   |                                                                                   |                                                                                     |                                                                                     |

### 14.6. Special precautions for user

#### Overland transport

|                                                           |               |
|-----------------------------------------------------------|---------------|
| Classification code (ADR)                                 | : C10         |
| Special provisions (ADR)                                  | : 274         |
| Limited quantities (ADR)                                  | : 1kg         |
| Excepted quantities (ADR)                                 | : E2          |
| Packing instructions (ADR)                                | : P002, IBC08 |
| Special packing provisions (ADR)                          | : B4          |
| Mixed packing provisions (ADR)                            | : MP10        |
| Portable tank and bulk container instructions (ADR)       | : T3          |
| Portable tank and bulk container special provisions (ADR) | : TP33        |
| Tank code (ADR)                                           | : SGAN, L4BN  |
| Vehicle for tank carriage                                 | : AT          |
| Transport category (ADR)                                  | : 2           |
| Special provisions for carriage - Packages (ADR)          | : V11         |
| Hazard identification number (Kemler No.)                 | : 80          |
| Orange plates                                             | :             |



|                               |     |
|-------------------------------|-----|
| Tunnel restriction code (ADR) | : E |
|-------------------------------|-----|

#### Transport by sea

|                                    |                                                    |
|------------------------------------|----------------------------------------------------|
| Special provisions (IMDG)          | : 274                                              |
| Limited quantities (IMDG)          | : 1 kg                                             |
| Excepted quantities (IMDG)         | : E2                                               |
| Packing instructions (IMDG)        | : P002                                             |
| IBC packing instructions (IMDG)    | : IBC08                                            |
| IBC special provisions (IMDG)      | : B21, B4                                          |
| Tank instructions (IMDG)           | : T3                                               |
| Tank special provisions (IMDG)     | : TP33                                             |
| EmS-No. (Fire)                     | : F-A                                              |
| EmS-No. (Spillage)                 | : S-B                                              |
| Stowage category (IMDG)            | : A                                                |
| Properties and observations (IMDG) | : Causes burns to skin, eyes and mucous membranes. |



# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Air transport

|                                              |            |
|----------------------------------------------|------------|
| PCA Excepted quantities (IATA)               | : E2       |
| PCA Limited quantities (IATA)                | : Y844     |
| PCA limited quantity max net quantity (IATA) | : 5kg      |
| PCA packing instructions (IATA)              | : 859      |
| PCA max net quantity (IATA)                  | : 15kg     |
| CAO packing instructions (IATA)              | : 863      |
| CAO max net quantity (IATA)                  | : 50kg     |
| Special provisions (IATA)                    | : A3, A803 |
| ERG code (IATA)                              | : 8L       |

### Inland waterway transport

|                                   |          |
|-----------------------------------|----------|
| Classification code (ADN)         | : C10    |
| Special provisions (ADN)          | : 274    |
| Limited quantities (ADN)          | : 1 kg   |
| Excepted quantities (ADN)         | : E2     |
| Equipment required (ADN)          | : PP, EP |
| Number of blue cones/lights (ADN) | : 0      |

### Rail transport

|                                                           |               |
|-----------------------------------------------------------|---------------|
| Classification code (RID)                                 | : C10         |
| Special provisions (RID)                                  | : 274         |
| Limited quantities (RID)                                  | : 1kg         |
| Excepted quantities (RID)                                 | : E2          |
| Packing instructions (RID)                                | : P002, IBC08 |
| Special packing provisions (RID)                          | : B4          |
| Mixed packing provisions (RID)                            | : MP10        |
| Portable tank and bulk container instructions (RID)       | : T3          |
| Portable tank and bulk container special provisions (RID) | : TP33        |
| Tank codes for RID tanks (RID)                            | : SGAN, L4BN  |
| Transport category (RID)                                  | : 2           |
| Special provisions for carriage – Packages (RID)          | : W11         |
| Colis express (express parcels) (RID)                     | : CE10        |
| Hazard identification number (RID)                        | : 80          |

### 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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

##### REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed  
SZW-lijst van mutagene stoffen : The substance is not listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : The substance is not listed  
SZW-lijst van reprotoxische stoffen –  
Vruchtbaarheid : The substance is not listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : The substance is not listed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|         |                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------|
| ACGIH   | American Conference of Government Industrial Hygienists                                         |
| ADN     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE     | Acute Toxicity Estimate                                                                         |
| BCF     | Bioconcentration factor                                                                         |
| BLV     | Biological limit value                                                                          |
| BOD     | Biochemical oxygen demand (BOD)                                                                 |
| CAS-No. | Chemical Abstract Service number                                                                |
| CLP     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| COD     | Chemical oxygen demand (COD)                                                                    |
| CSA     | Chemical safety assessment                                                                      |
| DMEL    | Derived Minimal Effect level                                                                    |
| DNEL    | Derived-No Effect Level                                                                         |
| EC-No.  | European Community number                                                                       |
| EC50    | Median effective concentration                                                                  |
| ED      | Endocrine disruptor                                                                             |
| EN      | European Standard                                                                               |
| EWC     | European waste catalogue                                                                        |
| IARC    | International Agency for Research on Cancer                                                     |
| IATA    | International Air Transport Association                                                         |
| IMDG    | International Maritime Dangerous Goods                                                          |
| LC50    | Median lethal concentration                                                                     |

# Calone 1951 (Fir)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| Abbreviations and acronyms: |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| LD50                        | Median lethal dose                                                           |
| LOAEL                       | Lowest Observed Adverse Effect Level                                         |
| Log Kow                     | Partition coefficient n-octanol/water (Log Kow)                              |
| Log Pow                     | Partition coefficient n-octanol/water (Log Pow)                              |
| MAK                         | maximum workplace concentration                                              |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level                                             |
| NOEC                        | No-Observed Effect Concentration                                             |
| N.O.S.                      | Not Otherwise Specified                                                      |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit                                                  |
| OSHA                        | Occupational Safety Health Administration                                    |
| PBT                         | Persistent Bioaccumulative Toxic                                             |
| PNEC                        | Predicted No-Effect Concentration                                            |
| PPE                         | Personal protection equipment                                                |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet                                                            |
| STP                         | Sewage treatment plant                                                       |
| TF                          | Technical function                                                           |
| ThOD                        | Theoretical oxygen demand (ThOD)                                             |
| TLM                         | Median Tolerance Limit                                                       |
| TWA                         | Time Weighted Average                                                        |
| VOC                         | Volatile Organic Compounds                                                   |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| UFI                         | Unique Formula Identifier                                                    |

| Full text of H- and EUH-statements: |                                                                        |
|-------------------------------------|------------------------------------------------------------------------|
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                          |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B                 |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H314                                | Causes severe skin burns and eye damage.                               |
| H318                                | Causes serious eye damage.                                             |
| H336                                | May cause drowsiness or dizziness.                                     |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.