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

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>White Siccative</td>
</tr>
<tr>
<td>Product code</td>
<td>1103</td>
</tr>
<tr>
<td>Type of product</td>
<td>Solvents</td>
</tr>
<tr>
<td>Product group</td>
<td>Blend</td>
</tr>
</tbody>
</table>

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

1.2.1. Relevant identified uses

<table>
<thead>
<tr>
<th>Main use category</th>
<th>Industrial use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial/Professional use spec</td>
<td>Industrial</td>
</tr>
<tr>
<td>Use of the substance/mixture</td>
<td>Medium</td>
</tr>
<tr>
<td>Function or use category</td>
<td>Solvents</td>
</tr>
</tbody>
</table>

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Old Holland Classic Colours Since 1664
Nijendal 36
3972 KC Driebergen Rijssenburg - Nederland
T 0031 343 518 224 - F 0031 343 516 342
info@oldholland.com - www.oldholland.com

1.4. Emergency telephone number

<table>
<thead>
<tr>
<th>Country</th>
<th>Organisation/Company</th>
<th>Address</th>
<th>Emergency number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NETHERLANDS</td>
<td>Nationaal Vergiftigingen Informatie Centrum</td>
<td>Huispostnummer B.00.118, PO Box 85500 3508 GA Utrecht</td>
<td>+31 30 274 88 88</td>
</tr>
</tbody>
</table>

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flam. Liq. 3 H226
Repr. 2 H361
STOT SE 3 H336
Asp. Tox. 1 H304
Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Repr.Cat.3; R63
Xn; R65
N; R51/53
R10
R66
R67

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available
White Siccative
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

2.2. Label elements

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

Hazard pictograms (CLP):

- GHS02
- GHS07
- GHS08
- GHS09

Signal word (CLP): Danger

Hazardous ingredients:
- Zirconium Carboxylate

Hazard statements (CLP):
- H226 - Flammable liquid and vapour
- H304 - May be fatal if swallowed and enters airways
- H336 - May cause drowsiness or dizziness
- H361 - Suspected of damaging fertility or the unborn child
- H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP):
- P202 - Do not handle until all safety precautions have been read and understood
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 - Avoid breathing vapours, mist, spray
- P273 - Avoid release to the environment
- P301+P310 - IF SWALLOWED: Immediately call a doctor
- P331 - Do NOT induce vomiting

EUH phrases:
- EUH066 - Repeated exposure may cause skin dryness or cracking

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Directive 67/548/EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)</td>
<td>(EC no) 919-446-0 (REACH no) 01-2119458049-33</td>
<td>0 - 50</td>
<td>Xi; R65 N; R51/53 R10 R66 R67</td>
</tr>
<tr>
<td>De-aromatised Kerosene</td>
<td>(CAS No) 64742-48-9 (EC no) 918-481-9 (REACH no) 01-2119457273-39</td>
<td>15 - 35</td>
<td>Xi; R65</td>
</tr>
<tr>
<td>Zirconium Carboxylate</td>
<td>(CAS No) 22464-99-9 (EC no) 245-018-1 (REACH no) 01-2119979088-21</td>
<td>15 - 25</td>
<td>Repr.Cat.3; R63</td>
</tr>
<tr>
<td>Zirconium Propionate</td>
<td>(CAS No) 84057-80-7 (EC no) 281-897-8 (REACH no) 01-2119978305-30</td>
<td>1 - 5</td>
<td>Xi; R38</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)</td>
<td>(EC no) 919-446-0 (REACH no) 01-2119458049-33</td>
<td>0 - 50</td>
<td>STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>De-aromatised Kerosene</td>
<td>(CAS No) 64742-48-9 (EC no) 918-481-9 (REACH no) 01-2119457273-39</td>
<td>15 - 35</td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>Zirconium Carboxylate</td>
<td>(CAS No) 22464-99-9 (EC no) 245-018-1 (REACH no) 01-2119979088-21</td>
<td>15 - 25</td>
<td>Repr. 2, H361d</td>
</tr>
<tr>
<td>Zirconium Propionate</td>
<td>(CAS No) 84057-80-7 (EC no) 281-897-8 (REACH no) 01-2119978305-30</td>
<td>1 - 5</td>
<td>Skin Irrit. 2, H315</td>
</tr>
</tbody>
</table>

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:
- Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
White Siccative
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

First-aid measures after inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Repeated exposure may cause skin dryness or cracking.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries: Suspected of damaging fertility or the unborn child.
Symptoms/injuries after inhalation: May cause drowsiness or dizziness.
Symptoms/injuries after ingestion: May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed
Do not induce vomiting/risk of damage to lungs exceeds poisoning risk.

SECTION 5: Firefighting measures
5.1. Extinguishing media
Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture
Fire hazard: Flammable liquid and vapour.
Explosion hazard: May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
General measures: Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

6.1.1. For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection. Avoid breathing vapors, mist, spray.
Emergency procedures: Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store aways from other materials.

6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Additional hazards when processed: Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No naked lights. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing vapors, mist, spray. Use only outdoors or in a well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Explosion-free electrical equipment and lighting with earth. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep container tightly closed.
Incompatible products: Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)
Solvent.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
No additional information available

8.2. Exposure controls

Hand protection : Wear protective gloves. Since the product consists of several substances, it is possible to estimate the durability of the glove material beforehand and it therefore needs to be tested before use. Gloves must be replaced after each use and whenever signs of wear or perforation appear.

Eye protection : Chemical goggles or safety glasses.

Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Wear respiratory protection.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : No data available

Odour : characteristic

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Self-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Flammable liquid and vapour

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Solubility : Insoluble in water.

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Not established. Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.
**10.3. Possibility of hazardous reactions**

Not established.

**10.4. Conditions to avoid**


**10.5. Incompatible materials**

Strong acids. Strong bases.

**10.6. Hazardous decomposition products**


**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

: Not classified

**Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)**

<table>
<thead>
<tr>
<th>Test (oral)</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
<td>&gt; 4 mg/kg</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**

: Not classified

Repeated exposure may cause skin dryness or cracking

**Serious eye damage/irritation**

: Not classified

Based on available data, the classification criteria are not met

**Respiratory or skin sensitisation**

: Not classified

Based on available data, the classification criteria are not met

**Germ cell mutagenicity**

: Not classified

Based on available data, the classification criteria are not met

**Carcinogenicity**

: Not classified

Based on available data, the classification criteria are not met

**Reproductive toxicity**

: Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity (single exposure)**

: May cause drowsiness or dizziness.

**Specific target organ toxicity (repeated exposure)**

: Not classified

Based on available data, the classification criteria are not met

**Aspiration hazard**

: May be fatal if swallowed and enters airways.

**Potential Adverse human health effects and symptoms**

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

**Other information**

: Risk of aspiration pneumonia.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Ecology - water

: Toxic to aquatic life with long lasting effects.

**Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)**

<table>
<thead>
<tr>
<th>Test (Daphnia 1)</th>
<th>EC50</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7.8 g/l</td>
</tr>
<tr>
<td>EC50 other aquatic organisms 1</td>
<td>3.59 g/l</td>
</tr>
</tbody>
</table>

**12.2. Persistence and degradability**

**White Siccative**

Persistence and degradability

May cause long-term adverse effects in the environment.

**12.3. Bioaccumulative potential**

**White Siccative**

Bioaccumulative potential

Not established.

**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**

: Avoid release to the environment
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.
Additional information: Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials: Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

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

14.1. UN number

UN-No (ADR): 1263
UN-No.(IATA): 1263
UN-No. (IMDG): 1263
UN-No.(ADN): 1263

14.2. UN proper shipping name

Proper Shipping Name: PAINT / PAINT RELATED MATERIAL
Transport document description: UN 1263 PAINT / PAINT RELATED MATERIAL, 3, III, (D/E)

14.3. Transport hazard class(es)

Class (UN): 3
Classification code (UN): F1
Class (IATA): 3
Class (IMDG): 3
Class (ADN): 3
Hazard labels (UN): 3

14.4. Packing group

Packing group (UN): III

14.5. Environmental hazards

Dangerous for the environment: Yes
Marine pollutant: No
Other information: No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.): 30
Classification code (UN): F1
Orange plates:

Special provision (ADR): 163, 650, 640E
Transport category (ADR): 3
Tunnel restriction code: D/E
Limited quantities (ADR): 5L
Excepted quantities (ADR): E1
EAC code: •3YE

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.6.4. Inland waterway transport

No additional information available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 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
No REACH Annex XVII restrictions
Contains no REACH candidate substance

Seveso Information : Not applicable

15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information


REACH Disclaimer: This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of R-, H- and EUH-phrases:

| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H226 | Flammable liquid and vapour |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H336 | May cause drowsiness or dizziness |
| H361 | Suspected of damaging fertility or the unborn child |
| H361d | Suspected of damaging the unborn child |
| H411 | Toxic to aquatic life with long lasting effects |
| R10 | Flammable |
| R38 | Irritating to skin |
## White Siccative

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

**R51/53**  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**R63**  
Possible risk of harm to the unborn child

**R65**  
Harmful: may cause lung damage if swallowed

**R66**  
Repeated exposure may cause skin dryness or cracking

**R67**  
Vapours may cause drowsiness and dizziness

**N**  
Dangerous for the environment

**Xi**  
Irritant

**Xn**  
Harmful

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### SDS EU (REACH Annex II)

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.