## SAFETY DATA SHEET

(REACh regulation (EC) n° 1907/2006 - n° 453/2010)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1. **Product identifier**
   - Product name: COLLE TEMPORAIRE - COLLE DE DECOUPAGE
   - Product code: ODIF-505
     101-405-305-P250

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

3. **Details of the supplier of the safety data sheet**
   - Registered company name: ODIF
   - Address: 118, chemin du Sermoraz - BP 413, 01704.BEYNOST Cedex.France.
   - Telephone: +33 (0)4 78 55 07 43
   - Fax: +33 (0)4 72 25 84 63
   - Email: odif@odif.com
   - http://www.odif.com

4. **Emergency telephone number**
   - +33 (0)1 45 42 59 59

### SECTION 2: HAZARDS IDENTIFICATION

1. **Classification of the substance or mixture**
   - Extremely flammable (F+, R 12)
   - This mixture does not present a health hazard.
   - This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2. **Label elements**
   - Mixture for aerosol application.
   - Hazard symbols:
     - Extremely flammable

   - Risk phrase:
     - R 12
     - Extremely flammable.

   - Safety phrase:
     - S 16
     - Keep away from sources of ignition - No smoking.
     - S 2
     - Keep out of the reach of children.
     - S 46
     - If swallowed, seek medical advice immediately and show this container or label.
     - Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.
     - Do not pierce or burn, even after use.
     - Do not spray on a naked flame or any incandescent material.
     - S 51
     - Use only in well-ventilated areas.

3. **Other hazards**
   - No data available.
SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

3.2. Mixtures

Composition :

<table>
<thead>
<tr>
<th>Identification</th>
<th>(EC) 1272/2008</th>
<th>CAS:</th>
<th>Dgr</th>
<th>Flamm. Gas 1, H220</th>
<th>Note</th>
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<tbody>
<tr>
<td>INDEX: 603-019-00-8</td>
<td>GHS02, GHS04</td>
<td>115-10-6</td>
<td>F+</td>
<td>50 &lt;= x % &lt; 100</td>
<td></td>
</tr>
<tr>
<td>DIMETHYL ETHER</td>
<td>EC: 204-065-8</td>
<td></td>
<td>F+;R12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INDEX: 601-004-00-0</td>
<td>GHS02, GHS04</td>
<td>106-97-8</td>
<td>F+</td>
<td>25 &lt;= x % &lt; 50</td>
<td></td>
</tr>
<tr>
<td>BUTANE</td>
<td>EC: 203-448-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INDEX: 601-003-00-5</td>
<td>GHS02, GHS04</td>
<td>74-98-6</td>
<td>F+</td>
<td>2.5 &lt;= x % &lt; 10</td>
<td></td>
</tr>
<tr>
<td>PROPANE</td>
<td>EC: 200-827-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :
Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

In the event of swallowing :
In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
Seek medical attention, showing the label.
If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Flammable.
Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable methods of extinction

In the event of a fire, use :
- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- multipurpose ABC powder
- BC powder

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Unsuitable methods of extinction

In the event of a fire, do not use :
- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.
5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non fire-fighters
Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

For fire-fighters
Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention:

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged: always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically conductive.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Do not breathe in aerosols.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

Avoid accumulation of electrostatic charges.
The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging
Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)
No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
Occupational exposure limits :


<table>
<thead>
<tr>
<th>CAS</th>
<th>VME-mg/m3</th>
<th>VME-ppm</th>
<th>VLE-mg/m3</th>
<th>VLE-ppm</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>115-10-6</td>
<td>1920</td>
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- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010)

<table>
<thead>
<tr>
<th>CAS</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
<th>Definition</th>
<th>Criteria</th>
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</tr>
<tr>
<td>74-98-6</td>
<td>1000 ppm</td>
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- Germany - AGW (BAuA - TRGS 900, 21/06/2010):

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<th>VME-ppm</th>
<th>Excess</th>
<th>Notes</th>
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<tbody>
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<td>1000 ml/m3</td>
<td>1900 mg/m3</td>
<td>8(II)</td>
<td>DFG</td>
</tr>
<tr>
<td>106-97-8</td>
<td>1000 ml/m3</td>
<td>2400 mg/m3</td>
<td>4(II)</td>
<td>DFG</td>
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<tr>
<td>74-98-6</td>
<td>1000 ml/m3</td>
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<td>4(II)</td>
<td>DFG</td>
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- Belgium (Order of 19/05/2009, 2010):

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<th>Ceiling</th>
<th>Definition</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
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<td>1000 ppm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>106-97-8</td>
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- France (INRS - ED984 :2008):

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<th>VLE-mg/m3</th>
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</tr>
<tr>
<td>106-97-8</td>
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<td>1900</td>
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- Switzerland (SUVA 2009):

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<th>VME-ppm</th>
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<th>VLE-ppm</th>
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<td>-</td>
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<td>-</td>
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<td>74-98-6</td>
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<td>1000</td>
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<table>
<thead>
<tr>
<th>CAS</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
<th>Definition</th>
<th>Criteria</th>
</tr>
</thead>
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<td>106-97-8</td>
<td>600 ppm</td>
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<td>-</td>
<td>-</td>
</tr>
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</table>

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):

Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection
Avoid contact with eyes.
Use eye protectors designed to protect against liquid splashes
Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection
Wear suitable protective gloves in the event of prolonged or repeated skin contact.
Type of gloves recommended :
- PVA (Polyvinyl alcohol)
Recommended properties:
- Impervious gloves in accordance with standard EN374
- Body protection
  Work clothing worn by personnel shall be laundered regularly.
  After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>fluid liquid.</th>
</tr>
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<tbody>
<tr>
<td>Important health, safety and environmental information</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Not relevant.</td>
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<tr>
<td>Boiling point/boiling range</td>
<td>&lt;= 35°C</td>
</tr>
<tr>
<td>Flash point interval</td>
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<td>Vapour pressure</td>
<td>Below 110 kPa (1.10 bar).</td>
</tr>
<tr>
<td>Density</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble.</td>
</tr>
<tr>
<td>Melting point/melting range</td>
<td>1 °C.</td>
</tr>
<tr>
<td>Self-ignition temperature</td>
<td>375 °C.</td>
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<tr>
<td>Decomposition point/decomposition range</td>
<td>250 °C.</td>
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<tr>
<td>Chemical combustion heat</td>
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</tr>
<tr>
<td>Inflammation time</td>
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<tr>
<td>Deflagration density</td>
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</tr>
<tr>
<td>Inflammation distance</td>
<td>not specified.</td>
</tr>
<tr>
<td>Flame height</td>
<td>not specified.</td>
</tr>
<tr>
<td>Flame duration</td>
<td>not specified.</td>
</tr>
</tbody>
</table>

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid:
- heating
- heat

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form:
- carbon monoxide (CO)
- carbon dioxide (CO2)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Splashes in the eyes may cause irritation and reversible damage

11.1.1. Substances

No toxicological data available for the substances.
11.1.2. Mixture
No toxicological data available for the mixture.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity
12.1.1. Substances
No aquatic toxicity data available for the substances.
12.1.2. Mixtures
No aquatic toxicity data available for the mixture.
12.2. Persistence and degradability
No data available.
12.3. Bioaccumulative potential
No data available.
12.4. Mobility in soil
No data available.
12.5. Results of PBT and vPvB assessment
No data available.
12.6. Other adverse effects
No data available.

German regulations concerning the classification of hazards for water (WGK) :
WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods
Do not pour into drains or waterways.

Waste :
Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :
Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION


14.1. UN number
1950
14.2. UN proper shipping name
UN1950=AEROSOLS, flammable

14.3. Transport hazard class(es)
- Classification :
  - 2.1

14.4. Packing group
- 
14.5. Environmental hazards
- 
14.6. Special precautions for user

<table>
<thead>
<tr>
<th>ADR/RID</th>
<th>Class</th>
<th>Code</th>
<th>Pack gr.</th>
<th>Label</th>
<th>Ident.</th>
<th>LQ</th>
<th>Provis.</th>
<th>EQ</th>
<th>Cat.</th>
<th>Tunnel</th>
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<tr>
<td></td>
<td>2</td>
<td>5F</td>
<td>-</td>
<td>2.1</td>
<td>-</td>
<td>1 L</td>
<td>190 327</td>
<td>E0</td>
<td>2</td>
<td>D</td>
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<td>2°Label</td>
<td>Pack gr.</td>
<td>LQ</td>
<td>EMS</td>
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<td>327 959</td>
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<td>Pack gr.</td>
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<td>-</td>
<td>A145 A167 A802</td>
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</tbody>
</table>

14.7. Transport in bulk according to Annex II of MARPOL73/78 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

- Particular provisions :
  No data available.

- German regulations concerning the classification of hazards for water (WGK) :
  Germany : WGK 1 (VwVwS vom 27/07/2005, KBws)

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user’s working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Title for H, EUH and R indications mentioned in section 3 :

| H220 | Extremely flammable gas. |
| R 12 | Extremely flammable. |

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefahrdungsklasse (Water Hazard Class).