SAFETY DATA SHEET


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

1.1. Product identifier

Product Name: Tempo TP Short-term Hi-Vis Aerosol Marker Paint
Product Inclusion: The document applies to all colour variants within the range of Tempo TP Aerosol Paint
Container Size: 500ml

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

Identified Uses: No specific uses identified
Uses advised against: No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier: Meon Ltd.
Railside
Northarbour Spur
Portsmouth
PO6 3TU
+44 (0) 23 9220 0606
+44 (0) 23 9220 0707
mail@meonuk.com

1.4. Emergency Telephone Number

Emergency telephone: +44 (0) 808 118 1922

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)
Flammable aerosol, Category 1 (Aerosol 1, H222 - H229).
Repeated exposure may cause skin dryness or cracking (EUH066).
Eye irritation, Category 2 (Eye Irrit. 2, H319).
Specific target organ toxicity (single exposure), Category 3 (STOT SE 3, H336).
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

In compliance with directives Classification (67/548/EEC, 1999/45/EC)
Extremely flammable (F+, R 12).
Repeated exposure may cause skin dryness or cracking (R 66).
Vapours may cause drowsiness and dizziness (R 67).
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label Elements

Mixture for aerosol application

In compliance with EC regulation No. 1272/2008 and its amendments.
Hazard pictograms
Tempo TP Short-term Hi-Vis Aerosol Marker Paint

Signal word
Danger

Product identifiers
607-022-00-5 ETHYL ACETATE

H-statement(s)
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.

P-statement(s)
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P410 + P412 Protect from sunlight. Do no expose to temperatures exceeding 50 oC/122oF

Other information
Reserved for professional users.
Do not use in a confined space.
Not to be used for any usage other than those specified.

2.3. Other hazards
The mixture does not contain substances classified as ‘Substances of Very High Concern’ (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table
The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Classification (EEC) No 67/548</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOBUTANE (CONTENANT MOINS DE 0.1% DE BUTADIENE)</td>
<td>F+</td>
<td>25 &lt;= x% &lt; 50</td>
</tr>
<tr>
<td></td>
<td>F+;R12</td>
<td>[1]</td>
</tr>
<tr>
<td></td>
<td>GHS02</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dgr</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Flam. Gas 1, H220</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Press. Gas, H280</td>
<td></td>
</tr>
<tr>
<td>PROPANE</td>
<td>F+</td>
<td>25 &lt;= x% &lt; 50</td>
</tr>
<tr>
<td></td>
<td>F+;R12</td>
<td>[1]</td>
</tr>
<tr>
<td></td>
<td>GHS02</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dgr</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Flam. Gas 1, H220</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Press. Gas, H280</td>
<td></td>
</tr>
<tr>
<td>ETHYL ACETATE</td>
<td>Xi,F</td>
<td>10 &lt;= x% &lt; 25</td>
</tr>
<tr>
<td></td>
<td>Xi;R36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>F;R11</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R66-R67</td>
<td>[1]</td>
</tr>
</tbody>
</table>
**Tempo TP Short-term Hi-Vis Aerosol Marker Paint**

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS:</th>
<th>EC:</th>
<th>REACH:</th>
<th>Description of first aid measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEAROMATIZED HYDROCARBONS</td>
<td>64742-48-9</td>
<td>265-150-3</td>
<td>01-2119463258-33</td>
<td>In case of inhalation: In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest. If the person is unconscious, place in recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary. If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.</td>
</tr>
<tr>
<td>HUILE MINERALE BLANCHE</td>
<td></td>
<td></td>
<td>01-2119487078-27</td>
<td>In case of eye contact: Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.</td>
</tr>
</tbody>
</table>

**Information on ingredients:**
[1] Substance for which maximum workplace exposure limits are available.

**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 case of inhalation**: In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest. If the person is unconscious, place in recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary. If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

- **In case of eye contact**: Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.

- **In case of contact with skin**: Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

- **If swallowed**: In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care 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

Revision date: 24/03/2015
Tempo TP Short-term Hi-Vis Aerosol Marker Paint

In the event of fire, use specifically suitable extinguishing agents. Never use water.
Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable extinguishing media

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

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

Extinguishing media which must not be used for safety reasons

- water
- water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
In the event of a fire, the following may be formed:
- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3 Advice for firefighters

Special protective equipment for firefighting.

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-first aid worker
Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.
Avoid inhaling the vapours.
Avoid any contact with the skin and eyes.
If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

For first aid worker
First aid workers 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 on safe handling

Always wash hands after handling.
Remove and wash contaminated clothing before re-using.
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 vapour concentrations higher than the occupational exposure limits.
Do not spray on a naked flame or any incandescent material.
Tempo TP Short-term Hi-Vis Aerosol Marker Paint

Do not pierce or burn, even after use.
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.
Never pour water into this mixture.
Do not breathe in aerosols.
Avoid inhaling vapours.
Avoid inhaling vapours. Carry out any industrial operation which may give rise to this in a sealed apparatus.
Provide vapour extraction at the emission source and also general ventilation of the premises.
Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions.
In all cases, recover emissions at source.
Avoid skin and eye contact with this mixture.
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.
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.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

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

7.3. **Specific and uses**
No data available.

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

8.1. **Control parameters**

<table>
<thead>
<tr>
<th>CAS</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
<th>Definition</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-28-5</td>
<td>1000 ppm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>141-78-6</td>
<td>400 ppm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Denmark (2007)**

<table>
<thead>
<tr>
<th>CAS</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
<th>Definition</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>141-78-6</td>
<td>150 ppm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
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</table>

**France (INRS - ED984 :2008)**

<table>
<thead>
<tr>
<th>CAS</th>
<th>VME-ppm</th>
<th>VME-mg/m3</th>
<th>VLE-ppm</th>
<th>VLE-mg/m3</th>
<th>Notes</th>
<th>TMP No</th>
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</thead>
<tbody>
<tr>
<td>141-78-6</td>
<td>400</td>
<td>1400</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>84</td>
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</table>

**Norway (Administrative norms for pollution of the atmosphere, May 2007)**

<table>
<thead>
<tr>
<th>CAS</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
<th>Definition</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>74-98-6</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>141-78-6</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Sweden (AFS 2007:2)**

<table>
<thead>
<tr>
<th>CAS</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
<th>Definition</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>141-78-6</td>
<td>150 ppm</td>
<td>300 ppm</td>
<td>-</td>
<td>-</td>
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</tr>
</tbody>
</table>

**UK / WEL (Workplace exposure limits, EH40/2005, 2007)**

<table>
<thead>
<tr>
<th>CAS</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
<th>Definition</th>
<th>Criteria</th>
</tr>
</thead>
</table>

Revision date: 24/03/2015
Derived no effect level (DNEL) or derived minimum effect level (DMEL):

**DEAROMATIZED HYDROCARBONS (CAS: 64742-48-9)**

<table>
<thead>
<tr>
<th>Final use:</th>
<th>Workers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure method:</td>
<td>Dermal contact</td>
</tr>
<tr>
<td>Potential health effects:</td>
<td>Long term systemic effects.</td>
</tr>
<tr>
<td>DNEL:</td>
<td>300 mg/kg body weight/day</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exposure method:</th>
<th>Inhalation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential health effects:</td>
<td>Long term systemic effects</td>
</tr>
<tr>
<td>DNEL:</td>
<td>1500 mg of substance/m3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Final use:</th>
<th>Consumers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure method:</td>
<td>Ingestion</td>
</tr>
<tr>
<td>Potential health effects:</td>
<td>Long term systemic effects</td>
</tr>
<tr>
<td>DNEL:</td>
<td>300 mg/kg body weight/day</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exposure method:</th>
<th>Dermal contact.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential health effects:</td>
<td>Long term systemic effects</td>
</tr>
<tr>
<td>DNEL:</td>
<td>300 mg/kg body weight/day</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exposure method:</th>
<th>Inhalation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential health effects:</td>
<td>Long term systemic effects</td>
</tr>
<tr>
<td>DNEL:</td>
<td>900 mg of substance/m3</td>
</tr>
</tbody>
</table>

### 8.2. Exposure controls

#### Personal protection measures,

- 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.

**Hand Protection**

- Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
- Gloves must be selected according to the application and duration of use at the workstation.
- Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
- Type of gloves recommended:
  - Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
  - PVA (Polyvinyl alcohol)
- Recommended properties:
  - Impervious gloves in accordance with standard EN374

**Eye Protection**

- Avoid contact with eyes.
- Use eye protectors designed to protect against liquid splashes. 
- Before handling, wear safety goggles with protective sides accordance with standard EN166.
- In the event of high danger, protect the face with a face shield.
- Prescription glasses are not considered as protection.
- Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.
- Provide eyewash stations in facilities where the product is handled constantly.

**Skin and body Protection**

- Avoid skin contact.
- Wear suitable protective clothing.
**Tempo TP Short-term Hi-Vis Aerosol Marker Paint**

Suitable type of protective clothing:
In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.
In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.
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.

**Respiratory protection**
Avoid breathing vapours.
If the ventilation is insufficient, wear appropriate breathing apparatus.
When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.
Type of FFP mask:
- Wear a disposable half-mask aerosol filter in accordance with standard EN149.
Category:
- FFP1
Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387:
  - A1 (Brown)
Particle filter according to standard EN143:
  - P1 (White)

### SECTION 9: Physical and Chemical Properties

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Fluid Liquid.</td>
</tr>
<tr>
<td>Form</td>
<td>Spray.</td>
</tr>
<tr>
<td>pH</td>
<td>Not relevant.</td>
</tr>
<tr>
<td>Boiling Point [°C]</td>
<td>Not specified.</td>
</tr>
<tr>
<td>Vapour pressure (50°C)</td>
<td>Not relevant.</td>
</tr>
<tr>
<td>Density</td>
<td>&lt; 1</td>
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<tr>
<td>Water solubility</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Melting point/melting range</td>
<td>Not specified.</td>
</tr>
<tr>
<td>Self-ignition temperature</td>
<td>Not specified.</td>
</tr>
<tr>
<td>Decomposition point/decomposition range</td>
<td>Not specified.</td>
</tr>
<tr>
<td>Chemical combustion heat</td>
<td>Not specified.</td>
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<tr>
<td>Inflammation time</td>
<td>Not specified.</td>
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<tr>
<td>Deflagration density</td>
<td>Not specified.</td>
</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
- Humidity

Protect from moisture. Reaction with water can cause an exothermic reaction.

10.5. Incompatible materials
Keep away from – water

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
Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

Narcotic effects may occur, such as drowsiness, narcosis, decreased alertness, loss of reflexes, lack of coordination or dizziness.

Effects may also occur in the form of violent headaches or nausea, judgement disorder, giddiness, irritability, fatigue or memory disturbance.

Hazardous ingredients

DEAROMATIZED HYDROCARBONS (CAS: 64742-48-9)

<table>
<thead>
<tr>
<th>Oral toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 5000 mg/kg</td>
<td>LD50</td>
<td>Rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dermal toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 5000 mg/kg</td>
<td>LD50</td>
<td>Rabbit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inhalative toxicity [mg/m3]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 4951 mg/m3</td>
<td>LC50</td>
<td>Rat</td>
</tr>
</tbody>
</table>

11.1.2. Mixture
No toxicological data available for the mixture.

SECTION 12: Ecological information

12.1. Toxicity

12.1.1 Substances

DEAROMATIZED HYDROCARBONS (CAS: 64742-48-9)

<table>
<thead>
<tr>
<th>Toxicity to fish [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;1000 mg/l</td>
<td>LC50</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>96H</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toxicity to daphnia [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 mg/l</td>
<td>EC 50</td>
<td>Daphnia magna (water flea)</td>
<td>48H</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toxicity to algae [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;1000 mg/l</td>
<td>ECr50</td>
<td>Pseudokirchnerella</td>
<td>72H</td>
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</table>
Tempo TP Short-term Hi-Vis Aerosol Marker Paint

<table>
<thead>
<tr>
<th>Toxicity to aquatic plant</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>subcapitata</td>
</tr>
</tbody>
</table>

12.1.2. Mixtures
No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances
DEAROMATIZED HYDROCARBONS (CAS: 64742-48-9)
Biodegradability: No degradability data is available, the substance is considered as not degrading quickly.

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.

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.

16 05 04 * gases in pressure containers (including halons) containing dangerous substances

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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</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>5F</td>
<td>-</td>
<td>2.1</td>
<td>-</td>
<td>1 L</td>
<td>190 327 344 625</td>
<td>E0</td>
<td>2</td>
<td>D</td>
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</table>

<table>
<thead>
<tr>
<th>IMDG</th>
<th>Class</th>
<th>2°Label</th>
<th>Pack gr.</th>
<th>LQ</th>
<th>EMS</th>
<th>Provis.</th>
<th>EQ</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2.1</td>
<td>See SP63</td>
<td>-</td>
<td>SP277</td>
<td>F-D,S-U</td>
<td>63 190 277 327 344</td>
<td>E0</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>IATA</th>
<th>Class</th>
<th>2°Label</th>
<th>Pack gr.</th>
<th>Passenger</th>
<th>Passenger</th>
<th>Cargo</th>
<th>Cargo</th>
<th>Note</th>
<th>EQ</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2.1</td>
<td>-</td>
<td>-</td>
<td>203</td>
<td>75 kg</td>
<td>203</td>
<td>150 kg</td>
<td>A145 A167 A167 A802</td>
<td>E0</td>
</tr>
<tr>
<td></td>
<td>2.1</td>
<td>-</td>
<td>-</td>
<td>Y203</td>
<td>30 kg G</td>
<td>-</td>
<td>-</td>
<td>A145 A167 A802</td>
<td>E0</td>
</tr>
</tbody>
</table>

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.
For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of MARPOL3/78 and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

- Classification and labelling information included in section 2:
The following regulations have been used:
- Directive 1999/45/EC and its adaptations
- Directive 75/734/CEE modified by directive 2013/10/UE
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.

- Container information:
No data available.
- Particular provisions:
No data available.
- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704):
NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none
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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.

Hazard symbols:

Extremely Flammable
Risk phrase:
R 12          Extremely flammable.
R 66          Repeated exposure may cause skin dryness or cracking.
R 67          Vapours may cause drowsiness and dizziness.
Safety phrase :  No smoking.
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 33          Take precautionary measures against static discharges.

Title for H, EUH and R indications mentioned in section 3 :
H220          Extremely flammable gas.
H225          Highly flammable liquid and vapour.
H226          Flammable liquid and vapour.
H280          Contains gas under pressure; may explode if heated.
H304          May be fatal if swallowed and enters airways.
H319          Causes serious eye irritation.
H336          May cause drowsiness or dizziness.
H412          Harmful to aquatic life with long lasting effects.
EUH066        Repeated exposure may cause skin dryness or cracking.
R 10          Flammable.
R 11          Highly flammable.
R 12          Extremely flammable.
R 36          Irritating to eyes.
R 65          Harmful: may cause lung damage if swallowed.
R 66          Repeated exposure may cause skin dryness or cracking.
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R 67

Vapours may cause drowsiness and dizziness.

Abbreviations:

R 67

DNEL

Derived No-Effect Level

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).

GHS02

Flame

GHS07

Exclamation mark

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.