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

1.1 Product identifier
- Trade name: Rapid Remover
- Other means of identification: No other identifiers

1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the mixture: Surface cleaning
- Uses advised against: No further relevant information available.

1.3 Details of the supplier of the Safety Data Sheet
- Manufacturer/Supplier:
  Rapid Tac
  186 Combs Dr.
  Merlin, OR 97532
  Phone: (541) 474-1113
  Email: mail@rapidtac.com

1.4 Emergency telephone number:
- ChemTel Inc.
  (800)255-3924 (North America)
  +1 (813)248-0585 (International)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  Classifications listed are applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200).
  The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H400, H410.
  Flam. Liq. 3 \( \text{H226} \) Flammable liquid and vapour.
  Skin Irrit. 2 \( \text{H315} \) Causes skin irritation.
  Eye Irrit. 2 \( \text{H319} \) Causes serious eye irritation.
  Skin Sens. 1 \( \text{H317} \) May cause an allergic skin reaction.
  Asp. Tox. 1 \( \text{H304} \) May be fatal if swallowed and enters airways.
  Aquatic Acute 1 \( \text{H400} \) Very toxic to aquatic life.
  Aquatic Chronic 1 \( \text{H410} \) Very toxic to aquatic life with long lasting effects.

2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
  The product is classified and labelled according to the Globally Harmonized System within the United States.
  The product is classified and labelled according to the CLP regulation.
- Hazard pictograms
  The following pictogram(s) are only for use within Europe: GHS09.
Trade name: Rapid Remover

(Cont’d. from page 1)

GHS02 GHS07 GHS08 GHS09

**Signal word** Danger

**Hazard-determining components of labelling:**
Distillates (petroleum), hydrotreated light
(R)-p-mentha-1,8-diene

**Hazard statements**
The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H410.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H304 May be fatal if swallowed and enters airways.
H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves / eye protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378 In case of fire: Use foam, powder, or carbon dioxide for extinction.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards** There are no other hazards not otherwise classified that have been identified.

**Results of PBT and vPvB assessment**
- PBT: Not applicable.
- vPvB: Not applicable.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Components:**

<table>
<thead>
<tr>
<th>CAS: 64742-47-8</th>
<th>Distillates (petroleum), hydrotreated light</th>
<th>25-50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS: 265-149-8</td>
<td>Asp. Tox. 1, H304</td>
<td></td>
</tr>
<tr>
<td>Index number: 649-422-00-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reg.nr.: 01-2119484819-18-XXXX</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS: 5989-27-5</th>
<th>(R)-p-mentha-1,8-diene</th>
<th>10-25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS: 227-813-5</td>
<td>Flám. Liq. 3, H226</td>
<td></td>
</tr>
<tr>
<td>Index number: 601-029-00-7</td>
<td>Aquatic Acute 1, H400; Aquatic Chronic 1, H410</td>
<td></td>
</tr>
</tbody>
</table>

(Cont’d. on page 3)
SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation:
Supply fresh air; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.
In case of unconsciousness place patient stably in side position for transportation.

After skin contact:
Immediately remove any clothing soiled by the product.
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

After eye contact:
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
A person vomiting while lying on their back should be turned onto their side.

4.2 Most important symptoms and effects, both acute and delayed

Headache
Allergic reactions
Irritant to skin and mucous membranes.
Strong irritant with the danger of severe eye injury.
Breathing difficulty
Coughing
Nausea
Gastric or intestinal disorders when ingested.

Hazards:
Danger of pulmonary oedema.
Danger of impaired breathing.

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.
Medical supervision for at least 48 hours.
Treat skin and mucous membrane with antihistamine and corticoid preparations.
Safety Data Sheet
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA
GHS

Printing date: 03 July 2018
Revision: 03 July 2018

Trade name: Rapid Remover

Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.

(Cont'd. from page 3)

SECTION 5: Firefighting measures

• 5.1 Extinguishing media
  • Suitable extinguishing agents:
    Water haze or fog
    Foam
    Fire-extinguishing powder
    Carbon dioxide
    Sand
  • For safety reasons unsuitable extinguishing agents: Water with full jet

• 5.2 Special hazards arising from the substance or mixture
  Formation of toxic gases is possible during heating or in case of fire.

• 5.3 Advice for firefighters
  • Protective equipment:
    Wear self-contained respiratory protective device.
    Wear fully protective suit.
  • Additional information:
    Eliminate all ignition sources if safe to do so.
    Cool endangered receptacles with water fog or haze.

(Cont'd. on page 4)

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures
  Use respiratory protective device against the effects of fumes/dust/aerosol.
  Wear protective equipment. Keep unprotected persons away.
  Ensure adequate ventilation
  Keep away from ignition sources.
  Protect from heat.
  Particular danger of slipping on leaked/spilled product.

• 6.2 Environmental precautions
  Do not allow to enter sewers/ surface or ground water.
  Inform respective authorities in case of seepage into water course or sewage system.

• 6.3 Methods and material for containment and cleaning up
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Remove from the water surface (e.g. skim or suck off).
  Send for recovery or disposal in suitable receptacles.

• 6.4 Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

(Cont'd. on page 5)

SECTION 7: Handling and storage

• 7.1 Precautions for safe handling
Prevent formation of aerosols.
Avoid splashes or spray in enclosed areas.
Use only in well ventilated areas.
Keep out of reach of children.
Avoid contact with the eyes and skin.

**Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect from heat.
Flammable liquid and vapour.
When heated the product forms flammable fumes.
Flammable gas-air mixtures may form in empty receptacles.

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements to be met by storerooms and receptacles:**
Avoid storage near extreme heat, ignition sources or open flame.

**Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidising agents.

**Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

**7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-47-8 Distillates (petroleum), hydrotreated light</td>
<td>Skin: Long-term value: 200 mg/m³</td>
</tr>
</tbody>
</table>

### 8.2 Exposure controls

**General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

**Respiratory protection:** Not required under normal conditions of use.

**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Eye protection:**

(Cont'd. on page 6)
### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
  - **Appearance**
    - Form: Liquid
    - Colour: Colourless
    - Odour: Citrus.
    - Odour threshold: Not determined.
  - pH-value at 20 °C (68 °F): 7,5 - 9,0
  - Melting point/freezing point: Not determined.
  - Initial boiling point and boiling range: Not determined.
  - Flash point: 48 °C
  - Flammability (solid, gas): Not applicable.
  - Auto/Self-ignition temperature: Not determined.
  - Decomposition temperature: Not determined.
  - Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
  - Explosion limits
    - Lower: Not determined.
    - Upper: Not determined.
  - Oxidising properties: Non-oxidising.
  - Vapour pressure: Not determined.
  - Density:
    - Relative density at 20 °C (68 °F): 0,833
    - Vapour density: Not determined.
    - Evaporation rate: Not determined.
  - Solubility in / Miscibility with water: Not miscible or difficult to mix.
  - Partition coefficient: n-octanol/water: Not determined.
  - Viscosity
    - Dynamic: Not determined.
    - Kinematic: Not determined.
Trade name: Rapid Remover

9.2 Other information
No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
No further relevant information available.

10.2 Chemical stability
Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions
Flammable.
Used empty containers may contain product gases which form explosive mixtures with air.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
Reacts with strong acids and oxidising agents.

10.4 Conditions to avoid
Keep ignition sources away - Do not smoke.
Store away from oxidising agents.
Keep away from heat and direct sunlight.

10.5 Incompatible materials
Oxidisers

10.6 Hazardous decomposition products
Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

5989-27-5 (R)-p-mentha-1,8-diene
Oral LD50 > 4400 mg/kg (rat)

64742-47-8 Distillates (petroleum), hydrotreated light
Oral LD50 > 5000 mg/kg (rat)
Dermal LD50 > 2000 mg/kg (rabbit)

Primary irritant effect
Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Causes serious eye irritation.

Respiratory or skin sensitisation:
May cause an allergic skin reaction.

Carcinogenic categories
IARC (International Agency for Research on Cancer):
Present in trace quantities.

111-42-2 2,2'-iminodiethanol 2B
75-07-0 acetaldehyde 2B
SECTION 12: Ecological information

- 12.1 Toxicity
  - Aquatic toxicity: Toxic for aquatic organisms
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Ecotoxical effects:
  - Remark: Very toxic for fish
- Additional ecological information:
  - General notes: Avoid transfer into the environment.
  - Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
- 12.5 Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
  - Recommendation
  - The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
  - Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.
## SECTION 14: Transport information

**14.1 UN-Number**
- DOT
- IMDG, IATA

<table>
<thead>
<tr>
<th></th>
<th>DOT</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>NA1993</td>
<td>UN1263</td>
</tr>
</tbody>
</table>

**14.2 UN proper shipping name**
- DOT: Combustible liquid, n.o.s. ((R)-p-mentha-1,8-diene, 1-propoxypropan-2-ol)
- ADR, IMDG: PAINT RELATED MATERIAL
- IATA: Paint related material

**14.3 Transport hazard class(es)**
- DOT
  - Class: 3
  - Label: 3

- ADR
  - Class: 3 (F1)
  - Label: 3

- IMDG, IATA
  - Class: 3
  - Label: 3

**14.4 Packing group**
- DOT, ADR, IMDG, IATA: III

**14.5 Environmental hazards:**
- Product contains environmentally hazardous substances: (R)-p-mentha-1,8-diene
- Marine pollutant: Yes

**14.6 Special precautions for user**
- Danger code (Kemler): 30
- EMS Number: F-E,S-E

(Cont'd. on page 10)
### Trade name: Rapid Remover

<table>
<thead>
<tr>
<th>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Transport/Additional information:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DOT</strong></td>
<td>Classified as combustible under US DOT regulations. Labeling is only required for single packages ≥119 US gal / 450 L. Labeling as a Marine Pollutant is only required for bulk single package shipments. Bulk packaging consists of a maximum capacity of greater than 450 L (119 gallons) for a liquid and a maximum net mass greater than 400 kg (882 pounds) for a solid. (See 171.4(c))</td>
</tr>
<tr>
<td><strong>ADR</strong></td>
<td></td>
</tr>
<tr>
<td>Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.</td>
<td></td>
</tr>
<tr>
<td>Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 5.2.1.8.1)</td>
<td></td>
</tr>
<tr>
<td><strong>IMDG</strong></td>
<td></td>
</tr>
<tr>
<td>Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.</td>
<td></td>
</tr>
<tr>
<td>Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 2.10.2.7)</td>
<td></td>
</tr>
<tr>
<td><strong>IATA</strong></td>
<td></td>
</tr>
<tr>
<td>Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each / 10 L net.</td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - United States (USA)
  - SARA

**Section 355 (extremely hazardous substances):**

(Cont'd. on page 11)
**Trade name:** Rapid Remover

(Cont'd. from page 10)

- **Section 313 (Specific toxic chemical listings):**
  None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**
  All ingredients are listed.

- **Proposition 65 (California):**
  - **Chemicals known to cause cancer:**
    Present in trace quantities.
    
    | CAS Number | Chemical Name       |
    |------------|---------------------|
    | 111-42-2   | 2,2’-iminodiethanol |
    | 75-07-0    | Acetaldehyde        |
    | 75-21-8    | Ethylene oxide      |

  - **Chemicals known to cause developmental toxicity for females:**
    Present in trace quantities.
    
    | CAS Number | Chemical Name         |
    |------------|-----------------------|
    | 75-21-8    | Ethylene oxide        |

  - **Chemicals known to cause developmental toxicity for males:**
    Present in trace quantities.
    
    | CAS Number | Chemical Name         |
    |------------|-----------------------|
    | 75-21-8    | Ethylene oxide        |

  - **Chemicals known to cause developmental toxicity:**
    Present in trace quantities.
    
    | CAS Number | Chemical Name        |
    |------------|----------------------|
    | 67-56-1    | Methanol             |
    | 75-21-8    | Ethylene oxide       |

- **EPA (Environmental Protection Agency)**
  None of the ingredients are listed.

- **IARC (International Agency for Research on Cancer)**
  Present in trace quantities.
    
    | CAS Number | Chemical Name       |
    |------------|---------------------|
    | 111-42-2   | 2,2’-iminodiethanol |
    | 75-07-0    | Acetaldehyde        |
    | 75-21-8    | Ethylene oxide      |

- **Canadian Domestic Substances List (DSL) (Substances not listed)**
  All ingredients are listed.

- **Other regulations, limitations and prohibitive regulations**
  - **Substances of very high concern (SVHC) according to REACH, Article 57**
    None of the ingredients are listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

(Cont'd. on page 12)
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

**Abbreviations and acronyms:**
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bio-accumulative, Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

**Sources**
Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Safety Data Sheets, Individual Manufacturers

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