1 Identification

- Product identifier
  - Trade name: MC-LUSTER 100
  - Article number: W211.X W211.XX W211.XXXX

- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier: Wasser Corporation
    4118 B PL NW, Suite B
    Auburn, WA 98001, US
    Phone 253-850-2967

- Information department: Product safety department
- Emergency telephone number:
  EMERGENCY PHONE NUMBERS:
  USA and Canada: 1-800 424-9300

2 Hazard(s) identification

- Classification of the substance or mixture
  Flam. Liq. 2 H225 Highly flammable liquid and vapor.
  Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  Skin Sens. 1 H317 May cause an allergic skin reaction.
  Carc. 1B H350 May cause cancer.

- Label elements
  - GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms

  ![GHS02](image.png) ![GHS08](image.png)

  GHS02  GHS08

- Signal word Danger

- Hazard-determining components of labeling:
  - titanium dioxide
  - Hexane, 1,6-diisocyanato-, homopolymer
  - Naphtha (petroleum), heavy alkylate
  - isophorone di-isocyanate

- Hazard statements
  - H225 Highly flammable liquid and vapor.
  - H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  - H317 May cause an allergic skin reaction.
  - H350 May cause cancer.

- Precautionary statements
  - Keep out of reach from children.
  - Obtain special instructions before use.
  - Do not handle until all safety precautions have been read and understood.
  - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  - Keep container tightly closed.
  - Ground/bond container and receiving equipment.
  - Use explosion-proof electrical/ventilating/lighting/equipment.
  - Use only non-sparking tools.
  - Take precautionary measures against static discharge.

(Contd. on page 2)
Trade name: MC-LUSTER 100

P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 [In case of inadequate ventilation] wear respiratory protection.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P321 Specific treatment (see on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Classification system:
- NFPA ratings (scale 0 - 4)

    Health = 3
    Fire = 3
    Reactivity = 0

- HMIS-ratings (scale 0 - 4)

    [HEALTH] Health = *3
    [FIRE] Fire = 3
    [REACTIVITY] Reactivity = 0

- Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Dangerous components</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>540-88-5 tert-butyl acetate</td>
<td>10-30%</td>
</tr>
<tr>
<td>13463-67-7 titanium dioxide in white, pastel or grey colors</td>
<td>10-30%</td>
</tr>
<tr>
<td>28182-81-2 Hexane, 1,6-diisocyanato-, homopolymer</td>
<td>1-5%</td>
</tr>
<tr>
<td>7429-90-5 aluminium powder (stabilised) in sylver color</td>
<td>1-5%</td>
</tr>
<tr>
<td>8052-41-3 Stoddard solvent</td>
<td>1-5%</td>
</tr>
<tr>
<td>53880-03-0 Homopolymer of IPDI</td>
<td>1-5%</td>
</tr>
<tr>
<td>110-43-0 methyl amyl ketone</td>
<td>1-5%</td>
</tr>
<tr>
<td>64742-95-6 Solvent napthha (petroleum), light arom.</td>
<td>1-5%</td>
</tr>
<tr>
<td>1333-86-4 Carbon black in dark, grey colors</td>
<td>0.1-1%</td>
</tr>
<tr>
<td>4098-71-9 isophorone di-isocyanate</td>
<td>0.1-1%</td>
</tr>
</tbody>
</table>

(Contd. on page 3)
4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**
  Supply fresh air and to be sure call for a doctor.
  In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed** No further relevant information available.
  - **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
  CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
  - **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.
- **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.

7 Handling and storage

- **Precautions for safe handling**
  Ensure good ventilation/exhaustion at the workplace.
  Open and handle receptacle with care.
  Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
  Keep ignition sources away - Do not smoke.
  Protect against electrostatic charges.
Trade name: MC-LUSTER 100

Keep respiratory protective device available.

- Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles: Store in a cool location.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions:
    - Keep receptacle tightly sealed.
    - Store in cool, dry conditions in well sealed receptacles.
  - Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
  - Components with limit values that require monitoring at the workplace:
    The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
    At this time, the other constituents have no known exposure limits.

<table>
<thead>
<tr>
<th>540-88-5 tert-butyl acetate</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL</td>
</tr>
<tr>
<td>REL</td>
</tr>
<tr>
<td>TLV</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7429-90-5 aluminium powder (stabilised)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>REL</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>TLV</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8052-41-3 Stoddard solvent</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL</td>
</tr>
<tr>
<td>REL</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>TLV</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>110-43-0 methyl amyl ketone</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL</td>
</tr>
<tr>
<td>REL</td>
</tr>
<tr>
<td>TLV</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1333-86-4 Carbon black</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL</td>
</tr>
<tr>
<td>REL</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>TLV</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

(Contd. on page 5)
4098-71-9 isophorone di-isocyanate

<table>
<thead>
<tr>
<th>REL</th>
<th>Short-term value: 0.18 mg/m³, 0.02 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Long-term value: 0.045 mg/m³, 0.005 ppm</td>
</tr>
<tr>
<td>Skin</td>
<td></td>
</tr>
<tr>
<td>TLV</td>
<td>Long-term value: 0.045 mg/m³, 0.005 ppm</td>
</tr>
</tbody>
</table>

- Additional information: The lists that were valid during the creation were used as basis.

- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
  - Store protective clothing separately.
- Breathing equipment:
  - During mixing, handling and application: Splash goggles. Full protective clothing. Gloves (impervious). Wear suitable respiratory equipment. When air concentrations are not known (or above the TLV), an air-supplied respirator is required. Refer to OSHA Respiratory Protection Standard (29 CFR 1910.134). In presence of air movement, air-purifying (cartridge type) respirators are not the best protection but can be used, if you replaced them frequently. Change cartridges after 8h max or less due to their low warning properties. When in a confined space wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.
- Protection of hands:

  ![Protective gloves](Contd. of page 4)

  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
  - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves
  - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material
  - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:

  ![Tightly sealed goggles](Contd. on page 6)

  9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
  - Appearance:
    - Form: Liquid
    - Color: Various colors
    - Odor: Aromatic
Trade name: MC-LUSTER 100

- Odor threshold: Not determined.
- pH-value: Not determined.
- Change in condition
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: 97 °C (206.6 °F)
- Flash point: 15 °C (59 °F)
- Flammability (solid, gaseous): Not applicable.
- Decomposition temperature: Not determined.
- Auto igniting: Product is not self-igniting.
- Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
- Explosion limits:
  - Lower: Not determined.
  - Upper: Not determined.
- Vapor pressure at 20 °C (68 °F): 41 hPa (30.8 mm Hg)
- Density at 20 °C (68 °F): 1.24-1.44 g/cm³ (10.3478-12.0168 lbs/gal)
- Relative density: Not determined.
- Vapor 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.
  - VOC content: 100g/l / 0.83lb/gal
  - Other information: No further relevant information available.

10 Stability and reactivity

- Reactivity No further relevant information available.
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- Incompatible materials:
  - Incompatible with strong oxidizers.
  - Keep away from heat
- Hazardous decomposition products: No dangerous decomposition products known.
II Toxicological information

- Information on toxicological effects
- Acute toxicity:

- LD/LC50 values that are relevant for classification:

<table>
<thead>
<tr>
<th>Compound</th>
<th>Toxicity</th>
<th>LD50/LC50 Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent naphtha (petroleum), light arom.</td>
<td>Oral 64742-95-6</td>
<td>LD50 &gt;6,800 mg/kg (rat)</td>
</tr>
<tr>
<td></td>
<td>Dermal 64742-95-6</td>
<td>LD50 &gt;3,400 mg/kg (rabbit)</td>
</tr>
<tr>
<td></td>
<td>Inhalative 64742-95-6</td>
<td>LC50/4 h &gt;10.2 mg/l (rat)</td>
</tr>
<tr>
<td>Naphtha (petroleum), heavy alkylate</td>
<td>Oral 64741-65-7</td>
<td>LD50 &gt;6,000 mg/kg (rat)</td>
</tr>
<tr>
<td></td>
<td>Dermal 64741-65-7</td>
<td>LD50 &gt;3,000 mg/kg (rabbit)</td>
</tr>
<tr>
<td></td>
<td>Inhalative 64741-65-7</td>
<td>LC50/4 h &gt;7.8 mg/l (rat)</td>
</tr>
</tbody>
</table>

- Primary irritant effect:
  - on the skin: No irritant effect.
  - on the eye: No irritating effect.

- Sensitization:
  Sensitization possible through inhalation.
  Sensitization possible through skin contact.

- Additional toxicological information:
  This product may cause cancer.
  The product shows the following dangers according to internally approved calculation methods for preparations:
  Harmful
  Irritant

- Carcinogenic categories

<table>
<thead>
<tr>
<th>Code</th>
<th>Substance</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide</td>
<td>2B</td>
</tr>
<tr>
<td>7631-86-9</td>
<td>Silicon dioxide, chemically prepared</td>
<td>3</td>
</tr>
<tr>
<td>1333-86-4</td>
<td>Carbon black</td>
<td>2B</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td>3</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz (SiO2)</td>
<td>1</td>
</tr>
<tr>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td>3</td>
</tr>
</tbody>
</table>

- NTP (National Toxicology Program)
  None of the ingredients is listed.

- OSHA-Ca (Occupational Safety & Health Administration)
  None of the ingredients is listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.

- Behavior in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.

(Contd. on page 8)


Trade name: MC-LUSTER 100

- Additional ecological information:
  - General notes:
    Water hazard class 3 (Self-assessment): extremely hazardous for water
    Do not allow product to reach ground water, water course or sewage system, even in small quantities.
    Danger to drinking water if even extremely small quantities leak into the ground.
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation:
    Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
  - Uncleaned packagings:
    - Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number
  DOT, ADR, IMDG, IATA
  UN1263

- UN proper shipping name
  DOT: Paint
  ADR: 1263 PAINT
  IMDG, IATA: PAINT

- Transport hazard class(es)
  DOT, ADR, IMDG, IATA
  - Class: 3 Flammable liquids
  - Label: 3

- Packing group
  DOT, ADR, IMDG, IATA: II

- Environmental hazards:
  - Marine pollutant: No

- Special precautions for user
  Warning: Flammable liquids
  Danger code (Kemler): 33
  EMS Number: F-E,S-E
  Stowage Category: B

- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.
15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Sara
    - Section 355 (extremely hazardous substances):
      - 4098-71-9 isophorone di-isocyanate
    - Section 313 (Specific toxic chemical listings):
      - 1344-28-1 aluminium oxide
      - 1330-20-7 xylene
      - 4098-71-9 isophorone di-isocyanate
      - 95-63-6 1,2,4-trimethylbenzene
      - 822-06-0 hexamethylene-di-isocyanate
      - 111-76-2 2-butoxyethanol
    - TSCA (Toxic Substances Control Act):
      - tert-butyl acetate
      - titanium dioxide
      - Hexane, 1,6-diisocyanato-, homopolymer
      - Stoddard solvent
      - Homopolymer of IPDI
      - methyl amyl ketone
      - Solvent naphtha (petroleum), light arom.
      - silicon dioxide, chemically prepared
    - TSCA new (21st Century Act) (Substances not listed)
      - 7429-90-3 aluminium powder (stabilised)
      - 53880-05-0 Homopolymer of IPDI
    - Proposition 65
      - Chemicals known to cause cancer:
        - 13463-67-7 titanium dioxide
Trade name: MC-LUSTER 100

- Chemicals known to cause reproductive toxicity for females:
  None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for males:
  None of the ingredients is listed.

- Chemicals known to cause developmental toxicity:
  None of the ingredients is listed.

- Carcinogenic categories
  - EPA (Environmental Protection Agency)
    | CAS Number | Chemical             | Category |
    |-------------|----------------------|----------|
    | 1330-20-7   | xylene               | I        |
    | 95-63-6     | 1,2,4-trimethylbenzene | II       |
    | 111-76-2    | 2-butoxyethanol      | NL       |
  - TLV (Threshold Limit Value established by ACGIH)
    | Chemicals          | TLV Category |
    | titanium dioxide   | A4           |
    | Carbon black       | A4           |
    | aluminium oxide    | A4           |
    | xylene             | A4           |
    | zirconium oxide    | A4           |
  - NIOSH-Ca (National Institute for Occupational Safety and Health)
    | CAS Number | Chemical          |
    |-------------|-------------------|
    | 13463-67-7   | titanium dioxide  |
    | 1333-86-4    | Carbon black      |
    | 14808-60-7   | Quartz (SiO2)     |

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

- Hazard pictograms
  - GHS02
  - GHS08

- Signal word Danger

- Hazard-determining components of labeling:
  titanium dioxide
  Hexane, 1,6-diisocyanato-, homopolymer
  Naphtha (petroleum), heavy alkylate
  isophorone di-isocyanate

- Hazard statements
  H225 Highly flammable liquid and vapor.
  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  H317 May cause an allergic skin reaction.
  H350 May cause cancer.

- Precautionary statements
  P201 Obtain special instructions before use.
  P202 Do not handle until all safety precautions have been read and understood.
  P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  P233 Keep container tightly closed.
## Trade name: MC-LUSTER 100

| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray |
| P272 | Contaminated work clothing must not be allowed out of the workplace. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P284 | [In case of inadequate ventilation] wear respiratory protection. |
| P303+P361+P353 | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+P341 | If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P321 | Specific treatment (see on this label). |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P342+P311 | If experiencing respiratory symptoms: Call a poison center/doctor. |
| P363 | Wash contaminated clothing before reuse. |
| P370+P378 | In case of fire: Use for extinction: CO2, powder or water spray. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |

### 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.

- **Department issuing SDS:** Product safety department
- **Contact:** HS REG.DEPART.REG.SS
- **Date of preparation / last revision:** 02/06/2019 / -
- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (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
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - 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)
  - NFPA: National Fire Protection Association (USA)
  - HMIS: Hazardous Materials Identification System (USA)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - NIOSH: National Institute for Occupational Safety
  - OSHA: Occupational Safety & Health
Trade name: MC-LUSTER 100

TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flam. Liq. 2: Flammable liquids – Category 2
Resp. Sens. 1: Respiratory sensitisation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Carc. 1B: Carcinogenicity – Category 1B