SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Quick-Dry Lacquer Thinner

Recommended use of the chemical and restrictions on use:
Recommended use: Dry-cleaning agent. Solvent.

Manufacturer or supplier's details:
Company: Mad Chemist
Address: 14271 Corporate Dr. Suite B
Garden Grove, CA, 92843
United States of America

Emergency telephone number:
Mad Chemist: 1-800-535-5053

Additional Information:
Responsible Party: Product Safety Group
Phone: 714-265-3744
Fax: 
Email: 

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification:
Flammable liquids: Category 2
Acute toxicity (Oral): Category 4
Acute toxicity (Inhalation): Category 3
Acute toxicity (Dermal): Category 3
Skin irritation: Category 2
Eye irritation: Category 2A
Reproductive toxicity: Category 2
Specific target organ toxicity - single exposure: Category 1 (Eyes, Central nervous system)
Specific target organ toxicity - single exposure: Category 3 (Central nervous system)
Specific target organ toxicity - repeated exposure: Category 2 (Central nervous system, Peripheral nervous system)
Specific target organ toxicity - repeated exposure (Inhalation): Category 2 (Auditory system, Eyes)

Aspiration hazard: Category 1

**GHS Label element**

Hazard pictograms:

- Danger

Hazard statements:

- H225 Highly flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 + H331 Toxic in contact with skin or if inhaled.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H361 Suspected of damaging fertility or the unborn child.
- H370 Causes damage to organs (Eyes, Central nervous system).
- H373 May cause damage to organs (Central nervous system, Peripheral nervous system) through prolonged or repeated exposure.
- H373 May cause damage to organs (Auditory system, Eyes) through prolonged or repeated exposure if inhaled.

Precautionary statements: **Prevention:**

- 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.
- 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.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- P264 Wash skin thoroughly after handling.
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P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P311 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307 + P311 IF exposed: Call a POISON CENTER or doctor/ physician.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:
IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or
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potential carcinogen by OSHA.

**NTP**
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Emergency Overview**

<table>
<thead>
<tr>
<th>Appearance</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Clear, Colorless</td>
</tr>
<tr>
<td>Odour</td>
<td>sweet, mild</td>
</tr>
<tr>
<td>Hazard Summary</td>
<td>No information available.</td>
</tr>
</tbody>
</table>

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance / Mixture**: Mixture

**Hazardous components**

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>30 - 50</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>30 - 50</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>20 - 30</td>
</tr>
<tr>
<td>0-02-2</td>
<td>Distillates, pet, It dist hydrotreat process, low-boil AND/OR Naphtha (pet), hydrotreated It AND/OR Solvent naphtha (pet), It aliph.</td>
<td>10 - 20</td>
</tr>
</tbody>
</table>

**SECTION 4. FIRST AID MEASURES**

**General advice**: Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Symptoms of poisoning may appear several hours later.
Do not leave the victim unattended.

**If inhaled**: Consult a physician after significant exposure.
If unconscious place in recovery position and seek medical advice.

**In case of skin contact**: If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Alcohol-resistant foam
Carbon dioxide (CO2)
Dry chemical

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products: No hazardous combustion products are known

Specific extinguishing methods: Use a water spray to cool fully closed containers.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES
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**MSDS Number:** 100000021057

### Personal precautions, protective equipment and emergency procedures
- Use personal protective equipment.
- Ensure adequate ventilation.
- Remove all sources of ignition.
- Evacuate personnel to safe areas.
- Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### Environmental precautions
- Prevent product from entering drains.
- Prevent further leakage or spillage if safe to do so.
- If the product contaminates rivers and lakes or drains inform respective authorities.

### Methods and materials for containment and cleaning up
- Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## SECTION 7. HANDLING AND STORAGE

### Advice on safe handling
- Avoid formation of aerosol.
- Do not breathe vapours/dust.
- Avoid exposure - obtain special instructions before use.
- Avoid contact with skin and eyes.
- For personal protection see section 8.
- Smoking, eating and drinking should be prohibited in the application area.
- Take precautionary measures against static discharges.
- Provide sufficient air exchange and/or exhaust in work rooms.
- Open drum carefully as content may be under pressure.
- Dispose of rinse water in accordance with local and national regulations.

### Conditions for safe storage
- No smoking.
- Keep container tightly closed in a dry and well-ventilated place.
- Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Observe label precautions.
- Electrical installations / working materials must comply with the technological safety standards.
### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Components with workplace control parameters**

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Components</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>TWA</td>
<td>500 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>750 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>250 ppm 590 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1,000 ppm 2,400 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>750 ppm 1,800 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1,000 ppm 2,400 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>TWA</td>
<td>200 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>250 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm 260 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ST</td>
<td>250 ppm 325 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm 260 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>250 ppm 325 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm 260 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>TWA</td>
<td>20 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>100 ppm 375 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ST</td>
<td>150 ppm 560 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm</td>
<td>OSHA Z-2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CEIL</td>
<td>300 ppm</td>
<td>OSHA Z-2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peak</td>
<td>500 ppm</td>
<td>OSHA Z-2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>100 ppm 375 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>150 ppm 560 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td>0-02-2</td>
<td>Distillates, pet, lt dist hydrotreat process, low-boil AND/OR Naphtha (pet), hydrotreated lt AND/OR Solvent naphtha (pet), lt aliph.</td>
<td>TWA</td>
<td>500 ppm 2,000 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
</tbody>
</table>
### Biological occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Biological specimen</th>
<th>Sampling time</th>
<th>Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>50 mg/l</td>
<td>ACGIH BEI</td>
</tr>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>Methanol</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>15 mg/l</td>
<td>ACGIH BEI</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>Toluene</td>
<td>In blood</td>
<td>Prior to last shift of work-week</td>
<td>0.02 mg/l</td>
<td>ACGIH BEI</td>
</tr>
<tr>
<td>Toluene</td>
<td></td>
<td>Toluene</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>0.03 mg/l</td>
<td>ACGIH BEI</td>
</tr>
<tr>
<td>o-Cresol</td>
<td></td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>0.3 mg/g Creatinine</td>
<td>ACGIH BEI</td>
<td></td>
</tr>
</tbody>
</table>
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**Personal protective equipment**
Respiratory protection : No personal respiratory protective equipment normally required.
   In the case of vapour formation use a respirator with an approved filter.

Hand protection
   Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
   Tightly fitting safety goggles
   Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : impervious clothing
   Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Avoid contact with skin, eyes and clothing.
   When using do not eat or drink.
   When using do not smoke.
   Wash hands before breaks and immediately after handling the product.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- **Appearance** : liquid
- **Colour** : Clear, Colorless
- **Odour** : sweet, mild
- **Odour Threshold** : No data available
- **pH** : No data available
- **Freezing Point** : No data available
- **Boiling Point** : No data available
- **Flash point** : -20 °C (-4 °F)
- **Evaporation rate** : No data available
- **Flammability (solid, gas)** : No data available
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**Burning rate:** No data available

**Upper explosion limit:** No data available

**Lower explosion limit:** No data available

**Vapour pressure:** No data available

**Relative vapour density:** No data available

**Relative density:** 0.79 - 0.81 @ 20 °C (68 °F)  
Reference substance: (water = 1)

**Density:** 0.798 g/cm³ @ 20 °C (68 °F)

**Bulk density:** No data available

**Water solubility:** No data available

**Solubility in other solvents:** No data available

**Partition coefficient: n-octanol/water:** No data available

**Auto-ignition temperature:** No data available

**Thermal decomposition:** No data available

---

**SECTION 10. STABILITY AND REACTIVITY**

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** No hazards to be specially mentioned.

**Conditions to avoid:** Keep away from heat, flame, sparks and other ignition sources.  
Extremes of temperature and direct sunlight.

**Incompatible materials:** Bases  
Oxidizing agents  
Reducing agents
SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:
Acute oral toxicity : Acute toxicity estimate: 303 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: 6.82 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: 909.03 mg/kg
Method: Calculation method

Components:
67-64-1:
Acute oral toxicity : LD50 (Rat): 5,800 mg/kg

Acute inhalation toxicity : LC50 (Rat): 76.0 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50: > 7,426 mg/kg

67-56-1:
Acute oral toxicity : LD50 (Rat): 100 mg/kg
Assessment: The component/mixture is toxic after single ingestion.

Acute inhalation toxicity : LC50 (Rat): 5 mg/l
Assessment: The component/mixture is toxic after short term inhalation.

Acute dermal toxicity : LD50 (Rabbit): 300 mg/kg
Assessment: The component/mixture is toxic after single contact with skin.

108-88-3:
Acute oral toxicity : LD50 (Rat, male): > 5,580 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): 28.1 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: OECD Test Guideline 403
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Acute dermal toxicity: LD50 (Rabbit): > 5,000 mg/kg

0-02-2:
Acute oral toxicity: LD50 (Rat, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 401
GLP: yes
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity: Assessment: The component/mixture is toxic after short term inhalation.

Acute dermal toxicity: LD50 (Rabbit, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Components:
67-64-1:
Species: Rabbit
Exposure time: 24 h
Method: In vivo
Result: Mild skin irritation

67-56-1:
Species: Rabbit
Result: No skin irritation

108-88-3:
Species: Rabbit
Exposure time: 4 h
Result: Irritating to skin.

0-02-2:
Species: Rabbit
Exposure time: 4 h
Result: Irritating to skin.

Serious eye damage/eye irritation

Components:
67-64-1:
Species: Rabbit
Result: Irritating to eyes.
Exposure time: 24 h
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67-56-1:
Species: Rabbit
Result: No eye irritation

108-88-3:
Species: Rabbit
Result: Irritating to eyes.
Method: OECD Test Guideline 405

0-02-2:
Species: Rabbit
Result: Irritating to eyes.

Respiratory or skin sensitisation

Components:
67-64-1:
Test Type: Maximization test
Species: Guinea pig
Result: Did not cause sensitisation on laboratory animals.

67-56-1:
Test Type: Maximisation Test (GPMT)
Species: Guinea pig
Method: OECD Test Guideline 406
Result: Did not cause sensitisation on laboratory animals.

108-88-3:
Test Type: Maximisation Test (GPMT)
Species: Guinea pig
Result: Did not cause sensitisation on laboratory animals.
GLP: yes

0-02-2:
Test Type: Buehler Test
Species: Guinea pig
Result: Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Components:
67-64-1:
Genotoxicity in vitro:
Test Type: Mammalian cell gene mutation assay
Test species: Mouse lymphoma cells
Metabolic activation: Without metabolic activation
Method: OECD Test Guideline 476
Result: negative

: Test Type: Ames test
Metabolic activation: with and without metabolic acti-
Genotoxicity in vitro:
- Test Type: Chromosome aberration test in vitro
  Test species: Chinese hamster ovary (CHO)
  Metabolic activation: with and without metabolic activation
  Method: OECD Test Guideline 471
  Result: negative

Genotoxicity in vivo:
- Test Type: In vivo micronucleus test
  Test species: Mouse
  Application Route: Oral
  Exposure time: 13 wk
  Dose: 5,000, 10,000, 20,000 ppm
  Result: negative

Germ cell mutagenicity- Assessment:
- Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

67-56-1:
Genotoxicity in vitro:
- Test Type: Ames test
  Test species: Salmonella typhimurium
  Result: negative

Genotoxicity in vivo:
- Test Type: In vivo micronucleus test
  Test species: Mouse (male and female)
  Cell type: Bone marrow
  Application Route: Intraperitoneal
  Exposure time: Single
  Dose: 0, 1920, 3200, 4480 mg/kg
  Result: negative

Germ cell mutagenicity- Assessment:
- Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

108-88-3:
Genotoxicity in vitro:
- Test Type: Mammalian cell gene mutation assay
  Test species: Mouse lymphoma cells
  Metabolic activation: with and without metabolic activation
  Method: OECD Test Guideline 476
  Result: negative

Genotoxicity in vivo:
- Test Type: Dominant lethal assay
  Test species: Mouse (male)
  Application Route: inhalation (vapour)
  Exposure time: 6 h/d, 5 d/wk for 8 wks
  Dose: 0, 100, 400 ppm
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Method: OECD Test Guideline 478
Result: negative

Germ cell mutagenicity-Assessment: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

0-02-2:
Germ cell mutagenicity-Assessment: Mutagenicity classification not possible from current data

Carcinogenicity

Components:

67-64-1:
Species: Mouse, (female)
Application Route: Dermal
Exposure time: 365 d (90%) or 424 d (100%)
Dose: 0.1ml 90(71mg) or 100% (79mg)
Frequency of Treatment: 3 times per wk
NOAEL: 79

Result: did not display carcinogenic properties

Carcinogenicity - Assessment: Carcinogenicity classification not possible from current data.

67-56-1:
Carcinogenicity - Assessment: Not classifiable as a human carcinogen.

108-88-3:
Species: Rat, (male and female)
Application Route: inhalation (vapour)
Exposure time: 103 wks
Dose: 0, 600, 1200 ppm
Frequency of Treatment: 6.5 h/d, 5 d/wk
NOAEL: No observed adverse effect level: 1,200 ppm

Method: OECD Test Guideline 453
Result: did not display carcinogenic properties
Symptoms: Erosion of nasal epithelium
GLP: yes

Carcinogenicity - Assessment: Not classifiable as a human carcinogen.

0-02-2:
Carcinogenicity - Assessment: Carcinogenicity classification not possible from current data.
Reproductive toxicity

**Components:**

**67-64-1:**
- Effects on fertility: Species: Rat, male
  - Application Route: oral
  - Dose: 0, 5000, 10000 mg/L
  - Frequency of Treatment: 7 days/week
  - General Toxicity - Parent: LOAEL: 10,000
  - Fertility: 10,000

  **Effects on foetal development:** Species: Rat
  - Application Route: Inhalation
  - Dose: 0, 440, 2200, 11000 ppm
  - Frequency of Treatment: 7 days/week
  - General Toxicity Maternal: NOAEC: 2,200 ppm
  - Teratogenicity: NOAEC: 11,000 ppm
  - Embryo-foetal toxicity: NOAEC: 2,200 ppm
  - Method: OECD Test Guideline 414
  - Result: No teratogenic potential
  - GLP: No data available

- Reproductive toxicity - Assessment: No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

**67-56-1:**
- Effects on fertility: Test Type: Two-generation study
  - Species: Rat, male and female
  - Application Route: Inhalation
  - Dose: 0, 0.013, 0.13, 1.3 mg/L
  - Duration of Single Treatment: 20 h
  - General Toxicity - Parent: NOAEC: 1.3 mg/l
  - General Toxicity F1: NOAEC: 0.13 mg/l
  - Fertility: NOAEC: 1.3 mg/l
  - Symptoms: Effects on postnatal development
  - Result: Animal testing did not show any effects on fertility.

- Reproductive toxicity - Assessment: Fertility classification not possible from current data. Embryotoxicity classification not possible from current data.

**108-88-3:**
- Effects on fertility: Test Type: Two-generation study
  - Species: Rat, male and female
  - Application Route: Inhalation
  - Dose: 0, 100, 500, 2000 ppm
  - Frequency of Treatment: 7 days/week
  - General Toxicity - Parent: NOAEC: 500 ppm
  - General Toxicity F1: NOAEC: 500 ppm
Fertility: NOAEC: 2,000 ppm
Symptoms: Reduced maternal body weight gain Reduced offspring weight gain
Method: OECD Test Guideline 416
Result: Animal testing did not show any effects on fertility.
GLP: yes

Test Type: Fertility
Species: Rat, male and female
Application Route: inhalation (vapour)
Dose: 0, 600, 1200 ppm
Frequency of Treatment: 7 days/week
General Toxicity - Parent: NOAEC: 600 ppm
Symptoms: Decreased sperm count
Result: Animal testing did not show any effects on fertility.

Effects on foetal development: Species: Rat
Application Route: inhalation (vapour)
Dose: 0, 250, 750, 1500, 3000 ppm
Duration of Single Treatment: 10 d
Frequency of Treatment: 6 hr/day
General Toxicity Maternal: NOAEC: 750 ppm
Developmental Toxicity: NOAEC: 750 ppm
Symptoms: Maternal toxicity, Reduced body weight, Skeletal malformations
GLP: yes

Reproductive toxicity - Assessment: Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.

0-02-2: Reproductive toxicity - Assessment: Fertility classification not possible from current data. Embryotoxicity classification not possible from current data.

STOT - single exposure
Product: No data available
Components: 67-64-1:

<table>
<thead>
<tr>
<th>Exposure routes</th>
<th>Target Organs</th>
<th>Assessment</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Central nervous system</td>
<td>May cause drowsiness or dizziness. The substance or mixture is classified as specific target organ toxicant, sin-</td>
<td></td>
</tr>
</tbody>
</table>
**Safety Data Sheet**

**Quick-Dry Lacquer Thinner**

**Version 1.1**

**Revision Date:** 11/16/2015

---

### 67-56-1:

<table>
<thead>
<tr>
<th>Exposure routes</th>
<th>Target Organs</th>
<th>Assessment</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Eyes, Central nervous system</td>
<td>Causes damage to organs., The substance or mixture is classified as specific</td>
<td>single exposure, category 1.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>target organ toxicant, single exposure, category 1.</td>
<td></td>
</tr>
</tbody>
</table>

---

### 108-88-3:

<table>
<thead>
<tr>
<th>Exposure routes</th>
<th>Target Organs</th>
<th>Assessment</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Central nervous system</td>
<td>May cause drowsiness or dizziness., The substance or mixture is classified</td>
<td>single exposure, category 3 with narcotic effects.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>as specific target organ toxicant, single exposure, category 3 with narcotic</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>effects.</td>
<td></td>
</tr>
</tbody>
</table>

---

### 0-02-2:

<table>
<thead>
<tr>
<th>Exposure routes</th>
<th>Target Organs</th>
<th>Assessment</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Central nervous system</td>
<td>May cause drowsiness or dizziness., The substance or mixture is classified</td>
<td>single exposure, category 3 with narcotic effects.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>as specific target organ toxicant, single exposure, category 3 with narcotic</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>effects.</td>
<td></td>
</tr>
</tbody>
</table>

**STOT - repeated exposure**

**Product:** No data available

**Components:**

**67-64-1:** No data available
Quick-Dry Lacquer Thinner

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67-56-1: No data available

108-88-3:

<table>
<thead>
<tr>
<th>Exposure routes:</th>
<th>Target Organs:</th>
<th>Assessment:</th>
<th>Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Auditory system, Eyes</td>
<td>May cause damage to organs through prolonged or repeated exposure., The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.</td>
<td></td>
</tr>
</tbody>
</table>

0-02-2:

<table>
<thead>
<tr>
<th>Exposure routes:</th>
<th>Target Organs:</th>
<th>Assessment:</th>
<th>Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Central nervous system, Peripheral nervous system</td>
<td>The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.</td>
<td></td>
</tr>
</tbody>
</table>

Repeated dose toxicity

Components:

67-64-1:
Species: Mouse, male
NOAEL: 20000
Application Route: Oral
Exposure time: 13 wk
Number of exposures: daily
Dose: 1250, 2500, 5000, 10000, 20000
Method: OECD Test Guideline 408
GLP: No data available

Species: Mouse, female
NOAEL: 20000
LOAEL: 50000
Application Route: Oral
Exposure time: 13 wk
Number of exposures: daily
Dose: 2500, 5000, 10000, 20000, 5000
Method: OECD Test Guideline 408
GLP: No data available
Repeated dose toxicity - Assessment: Causes mild skin irritation., Causes serious eye irritation.

67-56-1:
Species: Mouse, male and female
NOAEL: 1.3 mg/l
Application Route: Inhalation
Exposure time: 12 mths
Number of exposures: Continuous
Dose: 0, 0.013, 0.13, 1.3 mg/L

108-88-3:
Species: Rat, male and female
NOAEL: 300
Application Route: Inhalation (vapour)
Exposure time: 6, 12, or 18 mths
Number of exposures: 6 h/d, 5 d/wk
Dose: 0, 30, 100, 300 ppm
Method: OECD Test Guideline 453
Repeated dose toxicity - Assessment: Causes skin irritation.

0-02-2:
Species: Rat, male and female
NOAEL: 1402
Application Route: Inhalation (vapour)
Test atmosphere: Vapour
Exposure time: 13
Number of exposures: 6 hours/day, 5 day
Dose: 322,1402, 9869 mg/m3
GLP: Yes
Target Organs: Kidney
Symptoms: Nasal and ocular discharge

Aspiration toxicity

Components:
108-88-3:
May be fatal if swallowed and enters airways.

0-02-2:
May be fatal if swallowed and enters airways.

Further information

Product:
Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nau-
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Sea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

Components:
0-02-2:
Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

67-64-1:
Toxicity to fish: LC50 (Onchorhynchus mykiss (rainbow trout)): 6,100 mg/l
Exposure time: 48 h

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 7,630 mg/l
Exposure time: 48 h
Test substance: Acetone

Toxicity to algae: Remarks: No data available

67-56-1:
Toxicity to fish: LC50 (Lepomis macrochirus (Bluegill sunfish)): 15,400 mg/l
Exposure time: 96 h
Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): > 10,000 mg/l
Exposure time: 48 h
Test Type: static test

Toxicity to algae: EC50 (Scenedesmus capricornutum (fresh water algae)): > 1,000 mg/l
End point: Growth rate
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

Toxicity to bacteria: IC50 (activated sludge): > 1,000 mg/l
End point: Growth rate
Exposure time: 3 h
Test Type: Static
Method: OECD Test Guideline 209

**108-88-3:**

**Toxicity to fish**
- LC50 (Oncorhynchus mykiss (rainbow trout)): 5.5 mg/l
- Exposure time: 96 h
- Test Type: flow-through test

**Toxicity to daphnia and other aquatic invertebrates**
- EC50 (Ceriodaphnia dubia): 3.78 mg/l
- Exposure time: 48 h
- Test Type: Renewal

**Toxicity to algae**
- EC50 (Chlorella vulgaris (Fresh water algae)): 134 mg/l
- Exposure time: 3 h
- Test Type: static test

**Toxicity to bacteria**
- IC50 (Bacteria): 84 mg/l
- Exposure time: 24 h
- Test Type: Static

**Ecotoxicology Assessment**
- Acute aquatic toxicity: Toxic to aquatic life.
- Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.

**0-02-2:**

**Toxicity to fish**
- LC50 (Oncorhynchus mykiss (rainbow trout)): 8.2 mg/l
- Exposure time: 96 h
- Test Type: semi-static test

**Toxicity to daphnia and other aquatic invertebrates**
- EC50 (Daphnia magna (Water flea)): 4.5 mg/l
- Exposure time: 48 h
- Test Type: Immobilization
- Analytical monitoring: yes

**Toxicity to algae**
- EC50 (Pseudokirchneriella subcapitata (green algae)): 3.7
- Exposure time: 96 h
- Test Type: static test

**Ecotoxicology Assessment**
- Acute aquatic toxicity: Toxic to aquatic life.
- Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.

**Persistence and degradability**

**Components:**
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**67-64-1:**
Biodegradability: Remarks: Readily biodegradable

**67-56-1:**
Biodegradability: aerobic
Result: Readily biodegradable
Biodegradation: 72 %
Remarks: Readily biodegradable

Biochemical Oxygen Demand (BOD): 600 - 1,120 mg/g

Chemical Oxygen Demand (COD): 1,420 mg/g

BOD/COD: BOD: 600 - 1120 COD: 1420

Stability in water: Hydrolysis: 91 % at 19 °C (72 h)
Remarks: Hydrolyses on contact with water.
Hydrolyses readily.

**108-88-3:**
Biodegradability: Inoculum: Sewage
Biodegradation: 100 %
Remarks: Readily biodegradable

**0-02-2:**
Biodegradability: Concentration: 49.2 mg/l
Result: Readily biodegradable
Biodegradation: 77 %
Testing period: 2 d
Exposure time: 28 d

**Bioaccumulative potential**

**Components:**

**67-64-1:**
Partition coefficient: n-octanol/water: log Pow: -0.24

**67-56-1:**
Bioaccumulation: Species: Cyprinus carpio (Carp)
Bioconcentration factor (BCF): 1.0
Exposure time: 72 d
Temperature: 20 °C
Concentration: 5 mg/l
Remarks: This substance is not considered to be very persistent and very bioaccumulating (vPvB).
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Partition coefficient: n-octanol/water
: log Pow: -0.77

108-88-3:
Partition coefficient: n-octanol/water
: log Pow: 2.73

Mobility in soil
No data available

Other adverse effects
No data available

Product:
Regulation
40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information
: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

Components:
0-02-2:
Additional ecological information
: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Contaminated packaging : Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

IATA (International Air Transport Association): UN1992, FLAMMABLE LIQUID, TOXIC, N.O.S., (ACETONE, METHANOL), 3 (6.1), II, Flash Point: -20 °C(-4 °F)

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DOT (Department of Transportation): UN1263, PAINT RELATED MATERIAL, 3, II

SECTION 15. REGULATORY INFORMATION

OSHA Hazards: Flammable liquid, Harmful by ingestion, Toxic by skin absorption, Toxic by inhalation, Moderate skin irritant, Moderate eye irritant, Teratogen, Reproductive hazard, Specific target organ toxicity - single exposure, Specific target organ toxicity - repeated exposure, Aspiration hazard

WHMIS Classification: B2: Flammable liquid
D1B: Toxic Material Causing Immediate and Serious Toxic Effects
D2A: Very Toxic Material Causing Other Toxic Effects
D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Component RQ (lbs)</th>
<th>Calculated product RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>1000</td>
<td>4759</td>
</tr>
</tbody>
</table>

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

Fire Hazard
Immediate (Acute) Health Hazard
Chronic (Delayed) Health Hazard

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

The following components are subject to reporting levels established by SARA Title III, Section 313:

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Component</th>
<th>Reportable Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>33.0021 %</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>21.0109 %</td>
</tr>
</tbody>
</table>

Clean Air Act
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Quick-Dry Lacquer Thinner

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The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

<table>
<thead>
<tr>
<th>Chemical Code</th>
<th>Chemical Name</th>
<th>% Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>33.0021%</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>21.0109%</td>
</tr>
</tbody>
</table>

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):

<table>
<thead>
<tr>
<th>Chemical Code</th>
<th>Chemical Name</th>
<th>% Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>35%</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>33.0021%</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>21.0109%</td>
</tr>
</tbody>
</table>

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

<table>
<thead>
<tr>
<th>Chemical Code</th>
<th>Chemical Name</th>
<th>% Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>21.0109%</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>0.0318%</td>
</tr>
<tr>
<td>71-43-2</td>
<td>Benzene</td>
<td>0.0237%</td>
</tr>
<tr>
<td>91-20-3</td>
<td>**Naphthalene</td>
<td>0.001%</td>
</tr>
</tbody>
</table>

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

<table>
<thead>
<tr>
<th>Chemical Code</th>
<th>Chemical Name</th>
<th>% Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>21.0109%</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>0.0318%</td>
</tr>
<tr>
<td>71-43-2</td>
<td>Benzene</td>
<td>0.0237%</td>
</tr>
<tr>
<td>91-20-3</td>
<td>**Naphthalene</td>
<td>0.001%</td>
</tr>
</tbody>
</table>

This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

<table>
<thead>
<tr>
<th>Chemical Code</th>
<th>Chemical Name</th>
<th>% Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>30 - 50 %</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>30 - 50 %</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>20 - 30 %</td>
</tr>
<tr>
<td>71-43-2</td>
<td>Benzene</td>
<td>0 - 0.1 %</td>
</tr>
</tbody>
</table>

Pennsylvania Right To Know

<table>
<thead>
<tr>
<th>Chemical Code</th>
<th>Chemical Name</th>
<th>% Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>30 - 50 %</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>30 - 50 %</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>20 - 30 %</td>
</tr>
<tr>
<td>0-02-2</td>
<td>Distillates, pet, Lt dist hydrotreat process, low-boil AND/OR Naphtha (pet), hydrotreated Lt AND/OR Solvent naphtha (pet), Lt aliph.</td>
<td>10 - 20 %</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>0 - 0.1 %</td>
</tr>
<tr>
<td>71-43-2</td>
<td>Benzene</td>
<td>0 - 0.1 %</td>
</tr>
</tbody>
</table>

New Jersey Right To Know

<table>
<thead>
<tr>
<th>Chemical Code</th>
<th>Chemical Name</th>
<th>% Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>30 - 50 %</td>
</tr>
</tbody>
</table>

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| MSDS Number: 100000021057 | 27 / 29 | Quick-Dry Lacquer Thinner |

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>30 - 50 %</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>20 - 30 %</td>
</tr>
<tr>
<td>0-02-2</td>
<td>Distillates, pet, lt dist hydrotreat process, low-boil AND/OR Naphtha (pet), hydrotreated lt AND/OR Solvent naphtha (pet), lt aliph.</td>
<td>10 - 20 %</td>
</tr>
</tbody>
</table>

**California Prop 65**

WARNING! This product contains a chemical known to the State of California to cause cancer.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
</tr>
<tr>
<td>71-43-2</td>
<td>Benzene</td>
</tr>
<tr>
<td>91-20-3</td>
<td><strong>Naphthalene</strong></td>
</tr>
<tr>
<td>98-82-8</td>
<td>Cumene</td>
</tr>
</tbody>
</table>

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
</tr>
<tr>
<td>71-43-2</td>
<td>Benzene</td>
</tr>
</tbody>
</table>

The components of this product are reported in the following inventories:

- **United States TSCA Inventory**: y (positive listing) (On TSCA Inventory)
- **Canadian Domestic Substances List (DSL)**: y (positive listing) (All components of this product are on the Canadian DSL.)
- **Australia Inventory of Chemical Substances (AICS)**: y (positive listing) (On the inventory, or in compliance with the inventory)
- **New Zealand. Inventory of Chemical Substances**: y (positive listing) (On the inventory, or in compliance with the inventory)
- **Japan. ENCS - Existing and New Chemical Substances Inventory**: n (Negative listing) (Not in compliance with the inventory)
- **Korea. Korean Existing Chemicals Inventory (KECI)**: y (positive listing) (On the inventory, or in compliance with the inventory)
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| Philippines Inventory of Chemicals and Chemical Substances (PICCS) | : y (positive listing)  
On the inventory, or in compliance with the inventory |
---|---|
| China. Inventory of Existing Chemical Substances in China (IECSC) | : y (positive listing)  
On the inventory, or in compliance with the inventory |

Special Notes: ** Other substances in the product which may present a health or environmental hazard.

SECTION 16. OTHER INFORMATION
Further information

NFPA: Flammability

HMIS III:

| HEALTH | 2* |
| FLAMMABILITY | 3 |
| PHYSICAL HAZARD | 0 |

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Material number:
16100457, 16100456

Key or legend to abbreviations and acronyms used in the safety data sheet

| ACGIH | American Conference of Government Industrial Hygienists |
| AICS | Australia, Inventory of Chemical Substances |
| LD50 | Lethal Dose 50% |
| LOAEL | Lowest Observed Adverse Effect Level |

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<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL</td>
<td>Canada, Domestic Substances List</td>
</tr>
<tr>
<td>NDSL</td>
<td>Canada, Non-Domestic Substances List</td>
</tr>
<tr>
<td>CNS</td>
<td>Central Nervous System</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstract Service</td>
</tr>
<tr>
<td>EC50</td>
<td>Effective Concentration</td>
</tr>
<tr>
<td>EC50%</td>
<td>Effective Concentration 50%</td>
</tr>
<tr>
<td>EGEST</td>
<td>EOSCA Generic Exposure Scenario Tool</td>
</tr>
<tr>
<td>EOSCA</td>
<td>European Oilfield Specialty Chemicals Association</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Chemical Substances</td>
</tr>
<tr>
<td>MAK</td>
<td>Germany Maximum Concentration Values</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonized System</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety &amp; Health</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>NZIoC</td>
<td>New Zealand Inventory of Chemicals</td>
</tr>
<tr>
<td>NOAEL</td>
<td>No Observable Adverse Effect Level</td>
</tr>
<tr>
<td>NOEC</td>
<td>No Observed Effect Concentration</td>
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<tr>
<td>OSHA</td>
<td>Occupational Safety &amp; Health Administration</td>
</tr>
<tr>
<td>NLH</td>
<td>National Institute for Occupational Safety &amp; Health</td>
</tr>
<tr>
<td>OHSA</td>
<td>Occupational Health Administration</td>
</tr>
<tr>
<td>PICCS</td>
<td>Filipines Inventory of Commercial Chemical Substances</td>
</tr>
<tr>
<td>PRNT</td>
<td>Presumed Not Toxic</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation Recovery Act</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-term Exposure Limit</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act.</td>
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<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substance Control Act</td>
</tr>
<tr>
<td>UVCB</td>
<td>Unknown or Variable Composition, Complex Reaction Products, and Biological Materials</td>
</tr>
<tr>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Information System</td>
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<tr>
<td>LC50</td>
<td>Lethal Concentration 50%</td>
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**MSDS Number: 100000021057**  
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Quick-Dry Lacquer Thinner