Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • All-Purpose LVOC Cleaner

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

Relevant identified use(s) • Construction

1.3 Details of the supplier of the safety data sheet

Manufacturer • Firestone Building Products Company
250 West 96th Street
Indianapolis, IN 46260
United States
genflexmsds@bfdp.com

Telephone (General) • 800-428-4442

1.4 Emergency telephone number

Manufacturer • (800) 424-9300 - CHEMTREC
Manufacturer • (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

EU/EEC
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP • Flammable Liquids 2 - H225
Aspiration 1 - H304
Eye Irritation 2 - H319
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
EUH066

DSD/DPD • Highly Flammable (F)
Irritant (Xi)
Harmful (Xn)
R11, R36, R65, R66, R67

2.2 Label Elements

CLP

DANGER

Hazard statements • H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
Precautionary statements

Prevention
P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground and/or 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 mists, vapours, and/or spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves and eye/face protection.

Response
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 - Do NOT induce vomiting.

Storage/Disposal
P233 - Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD

Risk phrases
R11 - Highly flammable.
R36 - Irritating to eyes.
R65 - Harmful: may cause lung damage if swallowed.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

Safety phrases
S9 - Keep container in a well ventilated place
S16 - Keep away from sources of ignition - No Smoking.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3 Other Hazards

CLP
According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD
According to European Directive 1999/45/EC this preparation is considered dangerous.

United States (US)
According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012
- Flammable Liquids 2
- Aspiration 1
- Eye Irritation 2A
- Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
2.2 Label elements
OSHA HCS 2012

**DANGER**

Hazard statements • Highly flammable liquid and vapour
May be fatal if swallowed and enters airways
Causes serious eye irritation
May cause drowsiness or dizziness

Precautionary statements
**Prevention** • Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
Keep container tightly closed.
Ground and/or bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing mists, vapours, and/or spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves and eye/face protection.

**Response** • In case of fire: Use appropriate media for extinction.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Do NOT induce vomiting.

**Storage/Disposal** • Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

Canada
According to: WHMIS

2.1 Classification of the substance or mixture
WHMIS • Flammable Liquids - B2
Other Toxic Effects - D2B

2.2 Label elements
WHMIS • Flammable Liquids - B2
Other Toxic Effects - D2B

2.3 Other hazards
WHMIS • In Canada, the product mentioned above is considered hazardous under the

See Section 12 for Ecological Information.

**Section 3 - Composition/Information on Ingredients**

### 3.1 Substances

- Material does not meet the criteria of a substance.

### 3.2 Mixtures

#### Composition

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>CAS:67-64-1 EC Number:200-662-2 EU Index:606-001-00-8</td>
<td>50% TO 100%</td>
<td>Inhalation-Rat LC50 • 50100 mg/m² 8 Hour (s) Ingestion/Oral-Rat LD50 • 5800 mg/kg</td>
<td>EU DSD/DPD: Annex VI, Table 3.2: F; R11; Xi; R36; R66; R67 EU CLP: Annex VI Table 3.1: Flam. Liq 2, H225; Eye Irrit. 2, H319; STOT SE 3: Narc., H336; EUH066; OSHA HCS 2012: Eye Irrit. 2A; STOT SE 3: Narc; Flam. Liq. 2</td>
<td>NDA</td>
</tr>
</tbody>
</table>

| Distillates (petroleum), hydrotreated light | CAS:64742-47-8 EC Number:265-149-8 EU Index:649-422-00-2 | 25% TO 50% | NDA | EU DSD/DPD: Annex VI, Table 3.2: Xn; R65 EU CLP: Annex VI, Table 3.1: Asp. Tox. 1, H304 OSHA HCS 2012: Flam. Liq. 4; Asp. Tox. 1 | NDA      |

### Section 4 - First Aid Measures

#### 4.1 Description of first aid measures

- **Inhalation**
  - Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Move victim to fresh air. If signs/symptoms continue, get medical attention.

- **Skin**
  - In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. Wash skin with soap and water. If irritation develops and persists, get medical attention.

- **Eye**
  - In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

- **Ingestion**
  - Do NOT induce vomiting. Get medical attention immediately.

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

- Refer to Section 11 - Toxicological Information.

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

- **Notes to Physician**
  - All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

### Section 5 - Firefighting Measures
5.1 Extinguishing media

Suitable Extinguishing Media • Carbon dioxide, dry chemical, alcohol foam, sand, or water fog.

Unsuitable Extinguishing Media • Do not use water.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Vapor explosion hazard indoors, outdoors or in sewers. Many liquids are lighter than water. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Runoff to sewer may create fire or explosion hazard. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back.

Hazardous Combustion Products • No data available

5.3 Advice for firefighters

• Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA). Move containers from fire area if you can do it without risk. LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions • Wear appropriate personal protective equipment. Do not walk through spilled material. Do not breath mist/vapours/spray. Avoid contact with skin and eyes.

Emergency Procedures • As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet) ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

6.2 Environmental precautions

• Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures • Stop leak if you can do it without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. A vapor suppressing foam may be used to reduce vapors. All equipment used when handling the product must be grounded. LARGE SPILLS: Dike far ahead of liquid spill for later disposal. LARGE SPILLS: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

6.4 Reference to other sections

• Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling
Handling

- Keep away from heat, sparks, and flame. All equipment used when handling the product must be grounded. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations near container. Do not use in areas without adequate ventilation. Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. After handling wash hands thoroughly. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Store in a cool, dry, well-ventilated place. Store in a tightly closed container.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

### Section 8 - Exposure Controls/Personal Protection

#### 8.1 Control parameters

<table>
<thead>
<tr>
<th></th>
<th>Result</th>
<th>ACGIH</th>
<th>Australia</th>
<th>Belgium</th>
<th>Canada Alberta</th>
<th>Canada British Columbia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light (64742-47-8)</td>
<td>TWAs</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>200 mg/m³ TWA (application restricted to conditions in which there are negligible aerosol exposures, as total Hydrocarbon vapour)</td>
</tr>
<tr>
<td>Acetone (67-64-1)</td>
<td>STELs</td>
<td>750 ppm STEL</td>
<td>1000 ppm STEL; 2375 mg/m³ STEL</td>
<td>1000 ppm STEL; 2420 mg/m³ STEL</td>
<td>750 ppm STEL; 1800 mg/m³ STEL</td>
<td>500 ppm STEL</td>
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<tr>
<td></td>
<td>TWAs</td>
<td>500 ppm TWA</td>
<td>500 ppm TWA; 1185 mg/m³ TWA</td>
<td>500 ppm TWA; 1210 mg/m³ TWA</td>
<td>500 ppm TWA; 1200 mg/m³ TWA</td>
<td>250 ppm TWA</td>
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</table>

#### Exposure Limits/Guidelines (Con't.)

<table>
<thead>
<tr>
<th></th>
<th>Result</th>
<th>Canada Manitoba</th>
<th>Canada New Brunswick</th>
<th>Canada Northwest Territories</th>
<th>Canada Nova Scotia</th>
<th>Canada Nunavut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (67-64-1)</td>
<td>STELs</td>
<td>750 ppm STEL</td>
<td>750 ppm STEL; 1782 mg/m³ STEL</td>
<td>1250 ppm STEL; 2970 mg/m³ STEL</td>
<td>750 ppm STEL</td>
<td>1250 ppm STEL; 2970 mg/m³ STEL</td>
</tr>
<tr>
<td></td>
<td>TWAs</td>
<td>500 ppm TWA</td>
<td>500 ppm TWA; 1188 mg/m³ TWA</td>
<td>1000 ppm TWA; 2370 mg/m³ TWA</td>
<td>500 ppm TWA</td>
<td>1000 ppm TWA; 2370 mg/m³ TWA</td>
</tr>
</tbody>
</table>

#### Exposure Limits/Guidelines (Con't.)

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<thead>
<tr>
<th></th>
<th>Result</th>
<th>Canada Ontario</th>
<th>Canada Quebec</th>
<th>Canada Saskatchewan</th>
<th>Canada Yukon</th>
<th>China</th>
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<tbody>
<tr>
<td>Acetone (67-64-1)</td>
<td>STELs</td>
<td>750 ppm STEL</td>
<td>1000 ppm STEV; 2380 mg/m³ STEV</td>
<td>Not established</td>
<td>1250 ppm STEL; 3000 mg/m³ STEL</td>
<td>450 mg/m³ STEL</td>
</tr>
<tr>
<td></td>
<td>TWAs</td>
<td>500 ppm TWA</td>
<td>500 ppm TWAEV; 1190 mg/m³ TWAEV</td>
<td>500 ppm TWA</td>
<td>1000 ppm TWA; 2400 mg/m³ TWA</td>
<td>300 mg/m³ TWA</td>
</tr>
</tbody>
</table>

#### Exposure Limits/Guidelines (Con't.)

<table>
<thead>
<tr>
<th></th>
<th>Result</th>
<th>Cyprus</th>
<th>Denmark</th>
<th>Germany DFG</th>
<th>Germany TRGS</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light (64742-47-8)</td>
<td>Ceilings</td>
<td>Not established</td>
<td>Not established</td>
<td>40 ppm Peak; 280 mg/m³ Peak</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>MAKs</td>
<td>Not established</td>
<td>Not established</td>
<td>20 ppm TWA MAK; 140 mg/m³ TWA MAK</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>500 ppm TWA AGW</td>
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### Exposure Limits/Guidelines (Con’t.)

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<th></th>
<th>TWAs</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (67-64-1)</td>
<td>1000 ppm TWA; 2400 mg/m3 TWA</td>
<td></td>
</tr>
</tbody>
</table>

### Exposure Control Notations

**Cyprus**
- Acetone (67-64-1): **Skin**: (Skin-potential for cutaneous absorption)

**ACGIH**
- Acetone (67-64-1): **Carcinogens**: (A4 - Not Classifiable as a Human Carcinogen)

**Germany DFG**
- Acetone (67-64-1): **Pregnancy**: (risk to embryo/fetus probable by exposure at exposure limit level)
- Distillates (petroleum), hydrotreated light (64742-47-8): **Carcinogens**: (Category 3B (could be carcinogenic for man, isomers in technical mixtures)) | **Pregnancy**: (no risk to embryo/fetus if exposure limits adhered to)

### Exposure Limits Supplemental

**ACGIH**
- Acetone (67-64-1): **BEIs**: (50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)) | **TLV Basis - Critical Effects**: (CNS impairment; eye and upper respiratory tract irritation; hematologic effects) | **Notice of Intended Changes (BEIs)**: (20 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)) | **Notice of Intended Changes (TLVs)**: (200 ppm TWA; 500 ppm STEL; BEI; TLV basis: CNS impairment, upper respiratory tract irritation)

### 8.2 Exposure controls

**Engineering Measures/Controls**
- This material is designed to be used outdoors, in roofing applications. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Personal Protective Equipment**

**Respiratory**
- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face**
- Wear protective eyewear (goggles, face shield, or safety glasses).

**Skin/Body**
- Wear appropriate gloves.

**Environmental Exposure Controls**
- In case of spills, keep product clear of sewers, waterways or land areas. Dispose of waste product in accordance with national and local laws and regulations.

### Key to abbreviations

- **ACGIH** = American Conference of Governmental Industrial Hygiene
- **MAK** = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration
- **NIOSH** = National Institute of Occupational Safety and Health
- **OSHA** = Occupational Safety and Health Administration
- **STEL** = Short Term Exposure Limits are based on 15-minute exposures
- **STEV** = Short Term Exposure Value
- **TLV** = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)
- **TWA** = Time-Weighted Averages are based on 8h/day, 40h/week exposures
- **TWA EV** = Time-Weighted Average Exposure Value
Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
</tr>
<tr>
<td>Appearance/Description</td>
</tr>
<tr>
<td>Color</td>
</tr>
<tr>
<td>Odor Threshold</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
</tr>
<tr>
<td>Melting Point</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
</tr>
<tr>
<td>Water Solubility</td>
</tr>
<tr>
<td>Viscosity</td>
</tr>
<tr>
<td>Explosive Properties</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volatility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
</tr>
<tr>
<td>Evaporation Rate</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flammability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
</tr>
<tr>
<td>LEL</td>
</tr>
<tr>
<td>UEL</td>
</tr>
<tr>
<td>Autoignition</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
</tr>
</tbody>
</table>

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Avoid flames, sparks, or other sources of ignition.

10.5 Incompatible materials

- Oxidizing agents.

10.6 Hazardous decomposition products

- Carbon Dioxide, Carbon Monoxide.

Section 11 - Toxicological Information

11.1 Information on toxicological effects
### Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Acute Toxicity:</th>
<th>Irritation:</th>
<th>Mutagen:</th>
<th>Reproductive:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (50% TO 100%)</td>
<td>Ingestion/Oral-Rat LD50 • 5800 mg/kg; Inhalation-Rat LC50 • 50100 mg/m³ 8 Hour(s);</td>
<td>Eye-Rabbit • 20 mg 24 Hour(s) • Moderate irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Mild irritation;</td>
<td>Sex chromosome loss &amp; nondisjunction • Inhalation-Mouse • 12 g/L; Cytogenetic analysis • Unreported Route-Hamster • Fibroblast (Somatic cell) • 40 g/L;</td>
<td>Ingestion/Oral-Rat TDLo • 273 g/kg (13W male); Reproductive Effects:Paternal Effects:Spermatogenesis; Inhalation-Rat TCLo • 11000 ppm (6-19D preg); Reproductive Effects:Specific Developmental Abnormalities:Other developmental abnormalities</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### GHS Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>EU/CLP • Aspiration 1 OSHA HCS 2012 • Aspiration 1</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Skin sensitzation</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>STOT-RE</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>STOT-SE</td>
<td>EU/CLP • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects</td>
</tr>
<tr>
<td>Toxicity for Reproduction</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Respiratory sensitzation</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td>EU/CLP • Eye Irritation 2 OSHA HCS 2012 • Eye Irritation 2A</td>
</tr>
</tbody>
</table>

### Potential Health Effects

#### Inhalation

- **Acute (Immediate)**: May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death.
- **Chronic (Delayed)**: No data available.

#### Skin

- **Acute (Immediate)**: May cause mild irritation.
- **Chronic (Delayed)**: Repeated exposure may cause skin dryness or cracking.

#### Eye

- **Acute (Immediate)**: Causes serious eye irritation.
- **Chronic (Delayed)**: No data available.

#### Ingestion

- **Acute (Immediate)**: May be fatal if swallowed and enters airways. Material may be aspirated into the lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause
Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

<table>
<thead>
<tr>
<th></th>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
<th>14.4 Packing group</th>
<th>14.5 Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>UN1993</td>
<td>Flammable liquids, n.o.s. (Acetone)</td>
<td>NDA</td>
<td>II</td>
<td>NDA</td>
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<tr>
<td>TDG</td>
<td>UN1993</td>
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<td>II</td>
<td>NDA</td>
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<td>FLAMMABLE LIQUIDS, N.O.S. (Acetone)</td>
<td>NDA</td>
<td>II</td>
<td>NDA</td>
</tr>
</tbody>
</table>
14.6 Special precautions for user
- None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Data lacking.

14.8 Other information

DOT: Acetone has a reportable quantity of 5000 lbs (2270 kg) as listed in Appendix A to 49 CFR 172.101. Marine pollutant classification applies when shipping bulk or vessel transport.

Section 15 - Regulatory Information

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

SARA Hazard Classifications
- Fire, Acute

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>MA</th>
<th>NJ</th>
<th>PA</th>
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<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>No</td>
<td>No</td>
<td>No</td>
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Inventory

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<th>CAS</th>
<th>Canada DSL</th>
<th>Canada NDSL</th>
<th>China</th>
<th>EU EINECS</th>
<th>EU ELNICS</th>
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<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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Inventory (Con't.)

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<th>CAS</th>
<th>Japan ENCS</th>
<th>Korea KECL</th>
<th>TSCA</th>
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<tbody>
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<td>67-64-1</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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</tbody>
</table>

Australia

Labor

Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring
- Distillates (petroleum), hydrotreated light 64742-47-8 Not Listed
- Acetone 67-64-1 Not Listed

Australia - High Volume Industrial Chemicals List
- Distillates (petroleum), hydrotreated light 64742-47-8
- Acetone 67-64-1
Australia - List of Designated Hazardous Substances - Classification
- Distillates (petroleum), hydrotreated light 6474-47-8 Xn R65
- Acetone 67-64-1 F, Xi R11, R36, R66, R67

Environment
Australia - National Pollutant Inventory (NPI) Substance List
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 10 tonne/yr Threshold category 1

Australia - Ozone Protection Act - Scheduled Substances
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 Not Listed

Australia - Priority Existing Chemical Program
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 Not Listed

Belgium
Labor
Belgium - Substances and Preparations - Carcinogens and Mutagens
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 Not Listed

Bulgaria
Environment
Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 24 Hour
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 0.35 mg/m3 MAHCL

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 30 Minute
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 0.35 mg/m3 MAHCL

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - Annual
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 Not Listed

Canada
Labor
Canada - WHMIS - Classifications of Substances
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 B2, D2B

Canada - WHMIS - Ingredient Disclosure List
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 1 %

Environment
Canada - CEPA - Priority Substances List
- Distillates (petroleum), hydrotreated light 6474-47-8 Not Listed
- Acetone 67-64-1 Not Listed
### China

**Other**

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<tr>
<th>Controlled Chemicals Lists</th>
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<td>Acetone</td>
<td>67-64-1</td>
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### Denmark

**Environment**

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<tr>
<th>List of Undesirable Substances - Product Groups/Function</th>
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<tr>
<td>Distillates (petroleum), hydrotreated light</td>
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### Europe

**Other**

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<tr>
<th>Classification</th>
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<th>Xn; R65</th>
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<td>Xn; R65</td>
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<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>F; R11 Xi; R36 R66 R67</td>
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<table>
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<td>Acetone</td>
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<table>
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<th>Xn R:65 S:(2)-23-24-62</th>
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<td>Xn R:65 S:(2)-23-24-62</td>
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<td>Acetone</td>
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<td>F Xi R:11-36-66-67 S:(2)-9-16-26</td>
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<th>Notes - Substances and Preparations</th>
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<td>Distillates (petroleum), hydrotreated light</td>
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<td>67-64-1</td>
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### Germany

**Labor**

<table>
<thead>
<tr>
<th>Qualifying Quantities for Major Accident Prevention</th>
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<td>Distillates (petroleum), hydrotreated light</td>
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<td>Acetone</td>
<td>67-64-1</td>
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<table>
<thead>
<tr>
<th>Qualifying Quantities for Safety Reporting</th>
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<td>Acetone</td>
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<table>
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<th>Specific Lead Regulations</th>
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<tbody>
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<tr>
<td>Acetone</td>
<td>67-64-1</td>
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<table>
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<td>Not Listed</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>
### Environment

#### Germany - TA Luft - Types and Classes
- Distillates (petroleum), hydrotreated light
- Acetone

#### Germany - TA Luft - Emission Limits for Carcinogenic Substances
- Distillates (petroleum), hydrotreated light
- Acetone

#### Germany - TA Luft - Emission Limits for Fibers
- Distillates (petroleum), hydrotreated light
- Acetone

#### Germany - TA Luft - Emission Limits for Inorganic Dusts
- Distillates (petroleum), hydrotreated light
- Acetone

#### Germany - TA Luft - Emission Limits for Inorganic Gases
- Distillates (petroleum), hydrotreated light
- Acetone

#### Germany - TA Luft - Emission Limits for Organic Substances
- Distillates (petroleum), hydrotreated light
- Acetone

#### Germany - Water Classification (VwVwS) - Annex 1
- Distillates (petroleum), hydrotreated light
- Acetone

#### Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes
- Distillates (petroleum), hydrotreated light
- Acetone

#### Germany - Water Classification (VwVwS) - Annex 3
- Distillates (petroleum), hydrotreated light
- Acetone

### United States

#### Labor

##### U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals
- Distillates (petroleum), hydrotreated light
- Acetone

##### U.S. - OSHA - Specifically Regulated Chemicals
- Distillates (petroleum), hydrotreated light
- Acetone

#### Environment

##### U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
- Distillates (petroleum), hydrotreated light
- Acetone
### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

<table>
<thead>
<tr>
<th>Substance</th>
<th>RQ Code</th>
<th>Final RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>5000 lb final RQ; 2270 kg final RQ</td>
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### U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

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<th>Substance</th>
<th>RQ Code</th>
<th>Final RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>Not Listed</td>
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### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

<table>
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<tr>
<th>Substance</th>
<th>RQ Code</th>
<th>Final RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
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### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

<table>
<thead>
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<th>Substance</th>
<th>RQ Code</th>
<th>Final RQ</th>
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<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
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</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
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### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

<table>
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<th>RQ Code</th>
<th>Final RQ</th>
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<tbody>
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<td>64742-47-8</td>
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<tr>
<td>Acetone</td>
<td>67-64-1</td>
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### U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

<table>
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<th>RQ Code</th>
<th>Final RQ</th>
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<td>Distillates (petroleum), hydrotreated light</td>
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</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>Not Listed</td>
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</table>

### U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

<table>
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<tr>
<th>Substance</th>
<th>RQ Code</th>
<th>Final RQ</th>
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<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>Included in waste stream: F039</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td></td>
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### U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring

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<th>Substance</th>
<th>RQ Code</th>
<th>Final RQ</th>
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<tbody>
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<tr>
<td>Acetone</td>
<td>67-64-1</td>
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### U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

<table>
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<th>Substance</th>
<th>RQ Code</th>
<th>Final RQ</th>
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<tr>
<td>Distillates (petroleum), hydrotreated light</td>
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<td>Not Listed</td>
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<tr>
<td>Acetone</td>
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### U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards

<table>
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<th>RQ Code</th>
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<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>0.28 mg/L (wastewater); 160 mg/kg (nonwastewater)</td>
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### U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

<table>
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<th>RQ Code</th>
<th>Final RQ</th>
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<tr>
<td>Distillates (petroleum), hydrotreated light</td>
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<tr>
<td>Acetone</td>
<td>67-64-1</td>
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</table>

### U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

<table>
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<th>Substance</th>
<th>RQ Code</th>
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<tbody>
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<td>64742-47-8</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>waste number U002 (Ignitible waste)</td>
</tr>
</tbody>
</table>

---

**United States - California**
Environment

U.S. - California - Proposition 65 - Carcinogens List

- Distillates (petroleum), hydrotreated light 64742-47-8  Not Listed
- Acetone 67-64-1  Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

- Distillates (petroleum), hydrotreated light 64742-47-8  Not Listed
- Acetone 67-64-1  Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

- Distillates (petroleum), hydrotreated light 64742-47-8  Not Listed
- Acetone 67-64-1  Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

- Distillates (petroleum), hydrotreated light 64742-47-8  Not Listed
- Acetone 67-64-1  Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

- Distillates (petroleum), hydrotreated light 64742-47-8  Not Listed
- Acetone 67-64-1  Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

- Distillates (petroleum), hydrotreated light 64742-47-8  Not Listed
- Acetone 67-64-1  Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

- Distillates (petroleum), hydrotreated light 64742-47-8  Not Listed
- Acetone 67-64-1  Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

- Distillates (petroleum), hydrotreated light 64742-47-8  Not Listed
- Acetone 67-64-1  Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date  03/March/2015
Preparation Date  17/August/2012
Disclaimer/Statement of Liability

- The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or representative. Firestone Building Products Company, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, Firestone Building Products Company assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.

Key to abbreviations
NDA = No data available