1. Identification

Product identifier: Gasket Remover
Other means of identification:
- Product Code: No. 03017 (Item# 1003266)
- Recommended use: Gasket remover
- Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:
- Company name: CRC Industries, Inc.
- Address: 885 Louis Dr., Warminster, PA 18974 US
- Website: www.crcindustries.com

2. Hazard(s) identification

Physical hazards
- Flammable aerosols: Category 1
- Gases under pressure: Liquefied gas

Health hazards
- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 2A
- Carcinogenicity: Category 2
- Reproductive toxicity: Category 1B
- Specific target organ toxicity, single exposure: Category 3 respiratory tract irritation
- Specific target organ toxicity, single exposure: Category 3 narcotic effects
- Specific target organ toxicity, repeated exposure: Category 2 (central nervous system, kidney, liver)

Environmental hazards
- Hazardous to the aquatic environment, acute hazard: Category 3

OSHA defined hazards
- Not classified.

Label elements

Signal word: Danger
Hazard statement: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs (central nervous system, kidney, liver) through prolonged or repeated exposure. Harmful to aquatic life.
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. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. Do not apply while equipment is energized. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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 exposed or concerned: Get medical advice/attention.

Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.

Dispose of contents/container in accordance with local/regional/national regulations.

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Inhalation
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.

Skin contact
Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

Most important symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

Suitable extinguishing media
Water fog. Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical

Contents under pressure. Pressurized container may rupture when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions

In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

General fire hazards

Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Remove all possible sources of ignition in the surrounding area. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch or walk through spilled material. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. Prevent product from entering drains. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/ or flash fire. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters. These alone may be insufficient to remove static electricity. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

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>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>PEL</td>
<td>2400 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

Material name: Gasket Remover

No. 03017 (Item# 1003266)  Version #: 02  Revision date: 09-12-2017  Issue date: 10-15-2014
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethylbenzene (CAS 100-41-4)</td>
<td>PEL</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td>xylene (CAS 1330-20-7)</td>
<td>PEL</td>
<td>435 mg/m³</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-2 (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>Ceiling</td>
<td>300 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>200 ppm</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>STEL</td>
<td>500 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>250 ppm</td>
</tr>
<tr>
<td>ethylbenzene (CAS 100-41-4)</td>
<td>TWA</td>
<td>20 ppm</td>
</tr>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>TWA</td>
<td>20 ppm</td>
</tr>
<tr>
<td>xylene (CAS 1330-20-7)</td>
<td>STEL</td>
<td>150 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>TWA</td>
<td>590 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>250 ppm</td>
</tr>
<tr>
<td>ethylbenzene (CAS 100-41-4)</td>
<td>STEL</td>
<td>545 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>125 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>435 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ppm</td>
</tr>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>STEL</td>
<td>560 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>375 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

US. Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidone (CAS 872-50-4)</td>
<td>TWA</td>
<td>40 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 ppm</td>
</tr>
</tbody>
</table>

Biological limit values

<table>
<thead>
<tr>
<th>ACGIH Biological Exposure Indices Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>25 mg/l</td>
<td>Acetone</td>
<td>Urine</td>
<td>*</td>
</tr>
<tr>
<td>ethylbenzene (CAS 100-41-4)</td>
<td>0.15 g/g</td>
<td>Sum of mandelic acid and phenylglyoxylic acid</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
<tr>
<td>N-methyl-2-pyrrolidone (CAS 872-50-4)</td>
<td>100 mg/l</td>
<td>5-Hydroxy-N-methyl-2-pyrrolidone</td>
<td>Urine</td>
<td>*</td>
</tr>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>0.3 mg/g</td>
<td>o-Cresol, with hydrolysis</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>0.03 mg/l</td>
<td>Toluene</td>
<td>Urine</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>0.02 mg/l</td>
<td>Toluene</td>
<td>Blood</td>
<td>*</td>
</tr>
<tr>
<td>xylene (CAS 1330-20-7)</td>
<td>1.5 g/g</td>
<td>Methylhippuric acids</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
</tbody>
</table>

* - For sampling details, please see the source document.
Exposure guidelines

**US - California OELs: Skin designation**
- N-methyl-2-pyrrolidone (CAS 872-50-4)
  - Can be absorbed through the skin.
- Toluene (CAS 108-88-3)
  - Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**
- Toluene (CAS 108-88-3)
  - Skin designation applies.

**US WEEL Guides: Skin designation**
- N-methyl-2-pyrrolidone (CAS 872-50-4)
  - Can be absorbed through the skin.

**Good general ventilation** (typically 10 air changes per hour) 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. Provide eyewash station. Eye wash fountains and emergency showers are recommended.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**
- Wear safety glasses with side shields (or goggles).

**Skin protection**
- **Hand protection**
  - Wear protective gloves such as: Butyl rubber.
- **Other**
  - Wear appropriate chemical resistant clothing.

**Respiratory protection**
- If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

**Thermal hazards**
- Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**
- Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### 9. Physical and chemical properties

**Appearance**
- **Physical state**
  - Liquid.
- **Form**
  - Aerosol.
- **Color**
  - Light grey.

**Odor**
- Solvent.

**Odor threshold**
- Not available.

**pH**
- Not available.

**Melting point/freezing point**
- -138.5 °F (-94.7 °C) estimated

**Initial boiling point and boiling range**
- 132.9 °F (56.1 °C) estimated

**Flash point**
- 56 °F (13.3 °C) Tag Closed Cup

**Evaporation rate**
- Fast.

**Flammability (solid, gas)**
- Not available.

**Upper/lower flammability or explosive limits**
- **Flammability limit - lower** (%)
  - 1 % estimated
- **Flammability limit - upper** (%)
  - 12.8 % estimated

**Vapor pressure**
- 1341 hPa estimated

**Vapor density**
- > 1 (air = 1)

**Relative density**
- 0.78

**Solubility (water)**
- Soluble.

**Partition coefficient (n-octanol/water)**
- Not available.

**Auto-ignition temperature**
- 473 °F (245 °C) estimated

**Decomposition temperature**
- Not available.

---

Material name: Gasket Remover

No. 03017 (Item# 1003266)  Version #: 02  Revision date: 09-12-2017  Issue date: 10-15-2014

SDS US 5 / 11
Viscosity (kinematic) Not available.
Percent volatile 79.2 % estimated

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability Material is stable under normal conditions.
Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.
Conditions to avoid Heat, flames and sparks. Contact with incompatible materials.
Hazardous decomposition products Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause irritation to the respiratory system.
Skin contact Causes skin irritation.
Eye contact Causes serious eye irritation.
Ingestion Health injuries are not known or expected under normal use.

Symptoms related to the physical, chemical and toxicological characteristics


Information on toxicological effects

Acute toxicity Not known.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
</table>

acetone (CAS 67-64-1)

Acute
Dermal LD50 Rabbit 20000 mg/kg
Oral LD50 Rat 5800 mg/kg

ethylbenzene (CAS 100-41-4)

Acute
Inhalation LC50 Rat 17.2 mg/l, 4 hours
Oral LD50 Rat 3500 mg/kg

N-methyl-2-pyrrolidone (CAS 872-50-4)

Acute
Dermal LD50 Rabbit 8000 mg/kg
Oral LD50 Rat 3914 mg/kg

xylene (CAS 1330-20-7)

Acute
Oral LD50 Rat 4300 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Causes skin irritation.
Causes serious eye irritation.

Respiratory sensitization
Not a respiratory sensitizer.

Skin sensitization
This product is not expected to cause skin sensitization.

Germ cell mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity
Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**
- ethylene (CAS 100-41-4) 2B Possibly carcinogenic to humans.
- toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans.
- xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**
Not listed.

**Reproductive toxicity**
Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. May damage fertility or the unborn child.

**Specific target organ toxicity - single exposure**
May cause respiratory irritation. May cause drowsiness and dizziness.

**Specific target organ toxicity - repeated exposure**
May cause damage to organs (central nervous system, kidney, liver) through prolonged or repeated exposure.

**Aspiration hazard**
Not an aspiration hazard.

**Chronic effects**
May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

### 12. Ecological information

**Ecotoxicity**
Harmful to aquatic life.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>Aquatic Crustacea EC50</td>
<td>Water flea (Daphnia magna) 10294 - 17704 mg/l, 48 hours</td>
</tr>
<tr>
<td></td>
<td>Fish LC50</td>
<td>Rainbow trout,donaldson trout Oncorhynchus mykiss 4740 - 6330 mg/l, 96 hours</td>
</tr>
<tr>
<td>ethylene (CAS 100-41-4)</td>
<td>Aquatic Fish LC50</td>
<td>Atlantic silverside (Menidia menidia) 4.4 - 5.7 mg/l, 96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute Crustacea EC50</td>
<td>Water flea (Daphnia magna) 2.1 mg/l, 48 hours</td>
</tr>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>Aquatic Fish LC50</td>
<td>Coho salmon,silver salmon Oncorhynchus kisutch 5.5 mg/l, 96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute Crustacea EC50</td>
<td>Water flea (Daphnia magna) 6 mg/l, 48 hours</td>
</tr>
<tr>
<td>xylene (CAS 1330-20-7)</td>
<td>Aquatic Fish LC50</td>
<td>Rainbow trout,donaldson trout Oncorhynchus mykiss 9.54 - 19.2 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

**Persistence and degradability**
No data is available on the degradability of this product.

**Bioaccumulative potential**

- Partition coefficient n-octanol / water (log Kow)
  - acetone: -0.24
  - ethylene: 3.15
Partition coefficient n-octanol / water (log Kow)
N-methyl-2-pyrrolidone  -0.54
toluene  2.73
xylene  3.12 - 3.2

Bioconcentration factor (BCF)
ethylbenzene  1
toluene  90
xylene  23.99

Mobility in soil  No data available.
Other adverse effects  No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations
Disposal of waste from residues / unused products  If discarded, this product is considered a RCRA ignitable waste, D001. Contents under pressure. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not puncture, incinerate or crush. Dispose in accordance with all applicable regulations.

Hazardous waste code  D001: Waste Flammable material with a flash point <140 F
Contaminated packaging  Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT
UN number  UN1950
UN proper shipping name  Aerosols, flammable, Limited Quantity
Transport hazard class(es)
  Class  2.1
  Subsidiary risk  -
  Label(s)  2.1
Packing group  Not applicable.
Special precautions for user  Read safety instructions, SDS and emergency procedures before handling.
Special provisions  N82
Packaging exceptions  306
Packaging non bulk  None
Packaging bulk  None

IATA
UN number  UN1950
UN proper shipping name  Aerosols, flammable, Limited Quantity
Transport hazard class(es)
  Class  2.1
  Subsidiary risk  -
Packing group  Not applicable.
ERG Code  10L
Special precautions for user  Read safety instructions, SDS and emergency procedures before handling.
Other information
  Passenger and cargo aircraft  Allowed with restrictions.
  Cargo aircraft only  Allowed with restrictions.

IMDG
UN number  UN1950
UN proper shipping name  AEROSOLS, Limited Quantity
Transport hazard class(es)
  Class  2
  Subsidiary risk  -
Packing group  Not applicable.
Environmental hazards  No.
Marine pollutant  No.
EmS  Not available.
Special precautions for user  Read safety instructions, SDS and emergency procedures before handling.
15. Regulatory information

**US federal regulations**

All components are on the U.S. EPA TSCA Inventory List.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**SARA 304 Emergency release notification**

Not regulated.


Not regulated.

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**

- ethylbenzene (CAS 100-41-4)
- N-methyl-2-pyrrolidone (CAS 872-50-4)
- xylene (CAS 1330-20-7)

**CERCLA Hazardous Substance List (40 CFR 302.4)**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Listing Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>Listed.</td>
</tr>
<tr>
<td>ethylbenzene (CAS 100-41-4)</td>
<td>Listed.</td>
</tr>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>Listed.</td>
</tr>
<tr>
<td>xylene (CAS 1330-20-7)</td>
<td>Listed.</td>
</tr>
</tbody>
</table>

**CERCLA Hazardous Substances: Reportable quantity**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Reportable Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>5000 LBS</td>
</tr>
<tr>
<td>ethylbenzene (CAS 100-41-4)</td>
<td>1000 LBS</td>
</tr>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>1000 LBS</td>
</tr>
<tr>
<td>xylene (CAS 1330-20-7)</td>
<td>100 LBS</td>
</tr>
</tbody>
</table>

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

- xylene (CAS 1330-20-7)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)**

Not regulated.

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Code Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>6532</td>
</tr>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>6594</td>
</tr>
</tbody>
</table>

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>35 %WV</td>
</tr>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>35 %WV</td>
</tr>
</tbody>
</table>

**DEA Exempt Chemical Mixtures Code Number**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Code Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>6532</td>
</tr>
<tr>
<td>toluene (CAS 108-88-3)</td>
<td>594</td>
</tr>
</tbody>
</table>

**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (CAS 67-64-1)</td>
<td>Low priority</td>
</tr>
</tbody>
</table>

**Food and Drug Administration (FDA)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

- Immediate Hazard - Yes
- Delayed Hazard - Yes
- Fire Hazard - Yes
- Pressure Hazard - Yes
- Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

No

**US state regulations**

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

- acetone (CAS 67-64-1)
- ethylbenzene (CAS 100-41-4)
liquefied petroleum gas (CAS 68476-86-8)
N-methyl-2-pyrrolidone (CAS 872-50-4)
toluene (CAS 108-88-3)
xylene (CAS 1330-20-7)

US. New Jersey Worker and Community Right-to-Know Act
acetone (CAS 67-64-1)
ethylbenzene (CAS 100-41-4)
N-methyl-2-pyrrolidone (CAS 872-50-4)
toluene (CAS 108-88-3)
xylene (CAS 1330-20-7)

US. Massachusetts RTK - Substance List
acetone (CAS 67-64-1)
ethylbenzene (CAS 100-41-4)
N-methyl-2-pyrrolidone (CAS 872-50-4)
toluene (CAS 108-88-3)
xylene (CAS 1330-20-7)

US. Pennsylvania Worker and Community Right-to-Know Law
acetone (CAS 67-64-1)
ethylbenzene (CAS 100-41-4)
toluene (CAS 108-88-3)
xylene (CAS 1330-20-7)

US. Rhode Island RTK
acetone (CAS 67-64-1)
ethylbenzene (CAS 100-41-4)
toluene (CAS 108-88-3)
xylene (CAS 1330-20-7)

US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
acetaldehyde (CAS 75-07-0) Listed: April 1, 1988
benzene (CAS 71-43-2) Listed: February 27, 1987
cumene (CAS 98-82-8) Listed: April 6, 2010
ethylbenzene (CAS 100-41-4) Listed: June 11, 2004
naphthalene (CAS 91-20-3) Listed: April 19, 2002

US - California Proposition 65 - CRT: Listed date/Developmental toxin
benzene (CAS 71-43-2) Listed: December 26, 1997
N-methyl-2-pyrrolidone (CAS 872-50-4) Listed: June 15, 2001
toluene (CAS 108-88-3) Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin
benzene (CAS 71-43-2) Listed: December 26, 1997

Volatile organic compounds (VOC) regulations
EPA
VOC content (40 CFR 51.100(s)) 47.5 %
Consumer products (40 CFR 59, Subpt. C) Not regulated

State
Consumer products This product is regulated as a Gasket Adhesive Remover, Graffiti Remover and Paint Remover or Stripper. This product is compliant for use in all 50 states.
VOC content (CA) 47.5 %
VOC content (OTC) 47.5 %

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)*</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date: 10-15-2014
Revision date: 09-12-2017
Prepared by: Allison Yoon
Version #: 02
Further information: CRC # 553B/1002570

**HMIS® ratings**
- Health: 2*
- Flammability: 4
- Physical hazard: 0
- Personal protection: B

**NFPA ratings**
- Health: 2
- Flammability: 4
- Instability: 0

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Revision Information: This document has undergone significant changes and should be reviewed in its entirety.