1. Identification

Product identifier: Engine Tune-Up & Decarbonizer - 13 oz

Other means of identification

Product Code: No. 06121 (Item# 1003919)

Recommended use: Engine tune-up and decarbonizer

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

Telephone

General Information: 215-674-4300

Technical Assistance: 800-521-3168

Customer Service: 800-272-4620

24-Hour Emergency (CHEMTREC): 800-424-9300 (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
- Aspiration hazard: Category 1

Environmental hazards

- Hazardous to the aquatic environment, acute hazard: Category 3
- Hazardous to the aquatic environment, long-term 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. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention: 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 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. Wear eye protection/face protection. Wear protective gloves. Wash thoroughly after handling. Avoid release to the environment.
Response

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. 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 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.

Storage

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.

Disposal

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

Hazard(s) not otherwise
classified (HNOC)

None known.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>distillates (petroleum), hydrotreated heavy naphthenic</td>
<td>64742-52-5</td>
<td>50 - 60</td>
<td></td>
</tr>
<tr>
<td>liquefied petroleum gas</td>
<td>68476-86-8</td>
<td>20 - 30</td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>5 - 10</td>
<td></td>
</tr>
<tr>
<td>4-hydroxy-4-methylpentan-2-one (diacetone alcohol)</td>
<td>123-42-2</td>
<td>3 - 5</td>
<td></td>
</tr>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>95-63-6</td>
<td>1 - 3</td>
<td></td>
</tr>
<tr>
<td>2-methylnaphthalene</td>
<td>91-57-6</td>
<td>1 - 3</td>
<td></td>
</tr>
<tr>
<td>dioctyl sodium sulfosuccinate</td>
<td>577-11-7</td>
<td>1 - 3</td>
<td></td>
</tr>
<tr>
<td>1-methylnaphthalene</td>
<td>90-12-0</td>
<td>&lt; 1</td>
<td></td>
</tr>
</tbody>
</table>

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

4. First-aid measures

Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact

Remove contaminated clothing. Rinse skin with water/shower. 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. Get medical attention if irritation develops and persists.

Ingestion

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If
vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important
symptoms/effects, acute and
delayed

Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may
include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness
and pain.

Indication of immediate
medical attention and special
treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation.
Symptoms may be delayed.

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to
protect themselves.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

None known.

Specific hazards arising from
the chemical

Contents under pressure. Pressurized container may rupture when exposed to heat or flame.
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. Keep people away from and upwind of spill/leak. Keep out of low areas. 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. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

**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. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**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.

7. Handling and storage

**Precautions for safe handling**

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 get in eyes, on skin, or on clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. 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. Store in a well-ventilated place.

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.

**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>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol (CAS 111-76-2)</td>
<td>PEL</td>
<td>240 mg/m³</td>
<td></td>
</tr>
<tr>
<td>4-hydroxy-4-methylpentan-2-one (diacetone alcohol) (CAS 123-42-2)</td>
<td>PEL</td>
<td>240 mg/m³</td>
<td></td>
</tr>
<tr>
<td>distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

**US. ACGIH Threshold Limit Values**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-trimethylbenzene (CAS 95-63-6)</td>
<td>TWA</td>
<td>25 ppm</td>
<td></td>
</tr>
<tr>
<td>1-methylnaphthalene (CAS 90-12-0)</td>
<td>TWA</td>
<td>0.5 ppm</td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol (CAS 111-76-2)</td>
<td>TWA</td>
<td>20 ppm</td>
<td></td>
</tr>
</tbody>
</table>
### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-methylnaphthalene (CAS 91-57-6)</td>
<td>TWA</td>
<td>0.5 ppm</td>
<td></td>
</tr>
<tr>
<td>4-hydroxy-4-methylpentan-2-one (diacetone alcohol) (CAS 123-42-2)</td>
<td>TWA</td>
<td>50 ppm</td>
<td></td>
</tr>
<tr>
<td>distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

### US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-trimethylbenzene (CAS 95-63-6)</td>
<td>TWA</td>
<td>125 mg/m3</td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol (CAS 111-76-2)</td>
<td>TWA</td>
<td>25 ppm</td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol (CAS 111-76-2)</td>
<td>TWA</td>
<td>24 mg/m3</td>
<td></td>
</tr>
<tr>
<td>4-hydroxy-4-methylpentan-2-one (diacetone alcohol) (CAS 123-42-2)</td>
<td>TWA</td>
<td>5 ppm</td>
<td></td>
</tr>
<tr>
<td>distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)</td>
<td>Ceiling</td>
<td>1800 mg/m3</td>
<td></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>2-butoxyethanol (CAS 111-76-2)</td>
<td>200 mg/g</td>
<td>Butoxycetic acid (BAA), with hydrolysis</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
<tr>
<td>2-methylnaphthalene (CAS 91-57-6)</td>
<td>2.5 µg/l</td>
<td>1-Hydroxypyrene, with hydrolysis (1-HP)</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>

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

### Exposure guidelines

**US - California OELs: Skin designation**
- 2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**
- 2-butoxyethanol (CAS 111-76-2) Skin designation applies.

**US - Tennessee OELs: Skin designation**
- 2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**
- 1-methylnaphthalene (CAS 90-12-0) Can be absorbed through the skin.
- 2-methylnaphthalene (CAS 91-57-6) Can be absorbed through the skin.

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**
- 2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

**US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**
- 2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.
Appropriate engineering controls

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.

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: Nitrile. Neoprene.

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

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  Amber.
Odor  Camphor.
Odor threshold  Not available.
pH  Not available.
Melting point/freezing point  -102.6 °F (-74.8 °C) estimated
Initial boiling point and boiling range  212 °F (100 °C) estimated
Flash point  154 °F (67.8 °C) Setaflash
Evaporation rate  Slow.
Flammability (solid, gas)  Not available.
Upper/lower flammability or explosive limits

Flammability limit - lower (%)

0.7 % estimated

Flammability limit - upper (%)

12.6 % estimated
Vapor pressure  982.3 hPa estimated
Vapor density  > 1 (air = 1)
Relative density  0.84 estimated
Solubility(ies)

Solubility (water)  Negligible.
Partition coefficient (n-octanol/water)  Not available.
Auto-ignition temperature  460.4 °F (238 °C) estimated
Decomposition temperature  Not available.
Viscosity  Not available.
Percent volatile  92 % 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. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation
Prolonged inhalation may be harmful.

Skin contact
Causes skin irritation.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Eye contact
Causes serious eye irritation.

Ingestion
Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics
Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity
May be fatal if swallowed and enters airways.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol (CAS 111-76-2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>220 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>470 mg/kg</td>
</tr>
<tr>
<td>4-hydroxy-4-methylpentan-2-one (diacetone alcohol) (CAS 123-42-2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>13500 mg/kg</td>
</tr>
<tr>
<td>distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

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

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/eye irritation
Causes serious eye irritation.

Respiratory or skin sensitization

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
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity
2-butoxyethanol (CAS 111-76-2) 3 Not classifiable as to carcinogenicity to humans.
Reproductive toxicity
This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
Not classified.

Aspiration hazard
May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death.

Chronic effects
May be harmful if absorbed through skin. Prolonged inhalation may be harmful.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

12. Ecological information

Ecotoxicity
Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-trimethylbenzene (CAS 95-63-6)</td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>7.19 - 8.28 mg/l, 96 hours</td>
</tr>
<tr>
<td>Aquatic</td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td>Acute</td>
<td>Crustacea</td>
<td>EC50</td>
</tr>
<tr>
<td>1-methylnaphthalene (CAS 90-12-0)</td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>9 mg/l, 96 hours</td>
</tr>
<tr>
<td>Aquatic</td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td>2-butoxyethanol (CAS 111-76-2)</td>
<td>Inland silverside (Menidia beryllina)</td>
<td>1250 mg/l, 96 hours</td>
</tr>
<tr>
<td>Aquatic</td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td>2-methylnaphthalene (CAS 91-57-6)</td>
<td>Rainbow trout, donaldson trout (Oncorhynchus mykiss)</td>
<td>1.07 - 1.841 mg/l, 96 hours</td>
</tr>
<tr>
<td>Aquatic</td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td>4-hydroxy-4-methylpentan-2-one (diacetone alcohol) (CAS 123-42-2)</td>
<td>Water flea (Daphnia magna)</td>
<td>8750 mg/l, 48 hours</td>
</tr>
<tr>
<td>Aquatic</td>
<td>Crustacea</td>
<td>EC50</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td>dioctyl sodium sulfosuccinate (CAS 577-11-7)</td>
<td>Rainbow trout, donaldson trout (Oncorhynchus mykiss)</td>
<td>20 - 40 mg/l, 96 hours</td>
</tr>
<tr>
<td>Aquatic</td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td>distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)</td>
<td>Water flea (Daphnia magna)</td>
<td>1000 mg/l, 48 hours</td>
</tr>
<tr>
<td>Aquatic</td>
<td>Crustacea</td>
<td>EC50</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</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

Material name: Engine Tune-Up & Decarbonizer - 13 oz
No. 06121 (Item# 1003919)  Version #: 01  Issue date: 12-23-2019
Partition coefficient n-octanol / water (log Kow)

1-methylnaphthalene 3.87
2-butoxyethanol 0.83
2-methylnaphthalene 3.86
4-hydroxy-4-methylpentan-2-one (diacetone alcohol) -0.098

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 instructions
The dispensed liquid product is not a RCRA hazardous waste (See 40 CFR Part 261.20 - 261.33). Empty container can be recycled. Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.

Hazardous waste code
Not regulated.

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 304
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 2.1
Subsidiary risk -
Packing group Not applicable.
Environmental hazards
Marine pollutant No.
EmS F-D, S-U
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
15. Regulatory information

US federal regulations

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.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)
Not listed.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance
1,2,4-trimethylbenzene (CAS 95-63-6)
2-butoxyethanol (CAS 111-76-2)

CERCLA Hazardous Substance List (40 CFR 302.4)
2-butoxyethanol (CAS 111-76-2)

CERCLA Hazardous Substances: Reportable quantity
Not listed.

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.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
2-methylnaphthalene (CAS 91-57-6)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Contains component(s) regulated under the Safe Drinking Water Act.

Food and Drug Administration (FDA)
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Classified hazard categories
Flammable (gases, aerosols, liquids, or solids)
Gas under pressure
Skin corrosion or irritation
Serious eye damage or eye irritation
Aspiration hazard

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
Yes
SARA 313 (TRI reporting)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>95-63-6</td>
<td>1 - 3</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>5 - 10</td>
</tr>
</tbody>
</table>

US state regulations

US. New Jersey Worker and Community Right-to-Know Act
- 1,2,4-trimethylbenzene (CAS 95-63-6)
- 1-methylnaphthalene (CAS 90-12-0)
- 2-butoxyethanol (CAS 111-76-2)
- 2-methylnaphthalene (CAS 91-57-6)
- 4-hydroxy-4-methylpentan-2-one (diacetone alcohol) (CAS 123-42-2)

US. Massachusetts RTK - Substance List
- 1,2,4-trimethylbenzene (CAS 95-63-6)
- 1-methylnaphthalene (CAS 90-12-0)
- 2-butoxyethanol (CAS 111-76-2)
- 4-hydroxy-4-methylpentan-2-one (diacetone alcohol) (CAS 123-42-2)

US. Pennsylvania Worker and Community Right-to-Know Law
- 1,2,4-trimethylbenzene (CAS 95-63-6)
- 1-methylnaphthalene (CAS 90-12-0)
- 2-butoxyethanol (CAS 111-76-2)
- 4-hydroxy-4-methylpentan-2-one (diacetone alcohol) (CAS 123-42-2)

US. Rhode Island RTK
- 1,2,4-trimethylbenzene (CAS 95-63-6)
- 4-hydroxy-4-methylpentan-2-one (diacetone alcohol) (CAS 123-42-2)
- Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

California Proposition 65

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

California Proposition 65 - CRT: Listed date/Carcinogenic substance
- 1,4-dioxane (CAS 123-91-1) Listed: January 1, 1988
- Benzene (CAS 71-43-2) Listed: February 27, 1987
- Cumene (CAS 98-82-8) Listed: April 6, 2010
- Ethylene oxide (CAS 75-21-8) Listed: July 1, 1987
- Naphthalene (CAS 91-20-3) Listed: April 19, 2002

California Proposition 65 - CRT: Listed date/Developmental toxin
- Benzene (CAS 71-43-2) Listed: December 26, 1997
- Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

California Proposition 65 - CRT: Listed date/Female reproductive toxin
- Ethylene oxide (CAS 75-21-8) Listed: February 27, 1987

California Proposition 65 - CRT: Listed date/Male reproductive toxin
- Benzene (CAS 71-43-2) Listed: December 26, 1997
- Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
- 1,2,4-trimethylbenzene (CAS 95-63-6)
- 1-methylnaphthalene (CAS 90-12-0)
- 2-butoxyethanol (CAS 111-76-2)
- 2-methylnaphthalene (CAS 91-57-6)
- Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

Volatile organic compounds (VOC) regulations

EPA
- VOC content (40 CFR 51.100(s)) 97.9 %
- Consumer products (40 CFR 59, Subpt. C) Compliant
State

Consumer products

This product is regulated as a Carburetor Cleaner. This product is not compliant to be sold for use in California, Connecticut, Delaware, Maryland, New Hampshire, Rhode Island, and the following counties in Utah: Box Elder, Cache, Davis, Salt Lake, Tooele, Utah, and Weber. This product is compliant in all other states.

VOC content (CA) 36.4 %
VOC content (OTC) 36.4 %

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>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>No</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory (TCSI)</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 12-23-2019
Prepared by Allison Yoon
Version # 01
Further information CRC # 684/1002726

Disclaimer

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Revision information

Composition / Information on Ingredients: Disclosure Overrides
Handling and storage: Precautions for safe handling
Handling and storage: Conditions for safe storage, including any incompatibilities
Physical & Chemical Properties: Multiple Properties
Transport Information: Material Transportation Information
Regulatory information: Consumer products
GHS: Classification