1. Identification

1.1. Product identifier
Product Identity: Coil Cleaner (aerosol)
Alternate Names: Coil Cleaner (aerosol)

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use: See Label

1.3. Details of the supplier of the safety data sheet
Company Name: PPA Industries Inc.
420 3rd Avenue NW
Hickory, NC 28601
1-888-808-9100

Emergency Telephone US: 1-800-424-9300
Emergency Telephone Outside US: 1-703-627-3887

2. Hazard(s) identification

2.1. Classification of the substance or mixture
Flam. Aerosol 1; H222
Gasses Under Pressure, Compressed Gas
Skin Irrit. 3; H316 Skin Sens. 1A; H317

2.2. Label elements
H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H316 Causes mild skin irritation. (Note: this GHS classification was not adopted by US OSHA).
H317 May cause an allergic skin reaction. 2.2.

[Prevention]
P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
P272 Contaminated work clothing should not be allowed out of the workplace. P280
Wear protective gloves, eye protection, face protection.

[Response]
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P333+313 If skin irritation or a rash occurs: Get medical advice or attention. P362
Take off contaminated clothing and wash before reuse.

[Storage]
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C, 122 °F.

[Disposal]
P501 Dispose of contents or container in accordance with local and national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designations</th>
<th>Weight %</th>
<th>GHS Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum gases, liquefied</td>
<td>1 - 5</td>
<td>Press. Gas; H280 Flam. Gas 1; H220</td>
<td>----</td>
</tr>
<tr>
<td>CAS Number: 0068476-86-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surfactant Blend</td>
<td>1 - 5</td>
<td>Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 2A; H319</td>
<td>----</td>
</tr>
<tr>
<td>CAS Number: Proprietary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-methyl-3-2H-isothiazolone</td>
<td>0.01 - 0.10</td>
<td>Acute Tox. 3; H301</td>
<td>----</td>
</tr>
<tr>
<td>CAS Number: 0002682-20-4</td>
<td></td>
<td>Acute Tox. 3; H311 Skin Corr. 1; H314 Skin Sens. 1A; H317 (C ≥ 0.0015%) Aquatic Acute 1; H400 Acute Tox. 2; H330 Aquatic Chronic 1; H410 Eye Dam. 1; H318</td>
<td></td>
</tr>
</tbody>
</table>

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret. *PBT/vPvB - PBT-substance or vPvB-substance.
The full texts of the phrases are shown in Section 16.

### Section 4. First aid measures

#### 4.1. Description of first aid measures

**General** In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation
Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes
Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin
Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion
If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed
Overview
No specific symptom data available. Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details.

Skin
May cause an allergic skin reaction. Causes mild skin irritation. (Note: this GHS classification was not adopted by US OSHA).

Section 5. Fire-fighting measures

5.1. Extinguishing media
Recommended extinguishing media: alcohol resistant foam, CO\textsuperscript{2}, powder, water spray. Unsuitable extinguishing media: Do not use; water jet.

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition: No hazardous decomposition data available.
Keep away from heat, sparks, open flames, and other ignition sources - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use. Avoid breathing dust, fume, gas, mist, vapors, spray.

5.3. Advice for fire-fighters
As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. 126

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Remove sources of ignition, do not turn lights or unprotected electrical equipment on or off. In case of a major spill or spillage in a confined space evacuate the area and check that solvent vapor levels are below the Lower Explosive Limit before re-entering.

6.2. Environmental precautions
Do not allow spills to enter drains or waterways.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
6.3. Methods and material for containment and cleaning up
Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

7.1. Precautions for safe handling
Handle containers carefully to prevent damage and spillage. Check section 2.2 (GHS Label Elements) for further details. - [Prevention]

7.2. Conditions for safe storage, including any incompatibilities
Incompatible materials: No data available. Check section 2.2 (GHS Label Elements) for further details. - [Storage]

7.3. Specific end use(s)
No data available.

Section 8. Exposure controls / personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0002682-20-4</td>
<td>2-methyl-3-2H-isothiazolone</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td>0068476-86-8</td>
<td>Petroleum gases, liquefied</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td>Proprietary</td>
<td>Surfactant Blend</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>No Established Limit</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Respiratory If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.

Eyes Protective safety glasses recommended

Skin Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact. Protective gloves recommended.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Color: Water-white, clear Physical State: Liquid Spray Aerosol
Odor Characteristic
Odor threshold Not determined
pH 7.3 - 8.3
Melting point / freezing point Not Measured
Initial boiling point and boiling range >100°C
Flash Point >93.3°C
Evaporation rate (Ether = 1) Not Measured
Flammability (solid, gas) Not Applicable
Upper/lower flammability or explosive limits Lower Explosive Limit: Not Measured
Upper Explosive Limit: Not Measured
Vapor pressure (Pa) Not Measured
Vapor Density Not Measured
Relative Density 8.342lb/gal (liquid not including propellant)
Solubility in Water Not Measured
Partition coefficient n-octanol/water (Log Kow) Not Measured
Auto-ignition temperature Not Measured
Decomposition temperature Not Measured
Viscosity (cSt) Not Measured
VOC Content Not Measured
Density @25°C 8.2-8.4 lb/gal

9.2. Other information
No other relevant information.

Section 10. Stability and reactivity

10.1. Reactivity
Hazardous Polymerization will not occur.

10.2. Chemical stability
Stable under normal circumstances.

10.3. Possibility of hazardous reactions No data available.

10.4. Conditions to avoid No data available.

10.5. Incompatible materials No data available.

10.6. Hazardous decomposition products No hazardous decomposition data available.

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**Section 11. Toxicological information**

**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapor LC50, mg/L/4hr</th>
<th>Inhalation Dust/Mist LC50, mg/L/4hr</th>
<th>Inhalation Gas LC50, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum gases, liquefied - (68476-86-8)</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Surfactant Blend - (Proprietary)</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>2-methyl-3-2H-isothiazolone - (2682-20-4)</td>
<td>120.00, Rat - Category: 3</td>
<td>242.00, Rat - Category: 3</td>
<td>0.77, Rat - Category: 2</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Carcinogen Data**

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0002682-20-4</td>
<td>2-methyl-3-2H-isothiazolone</td>
<td>OSHA</td>
<td>Regulated Carcinogen: No;</td>
</tr>
<tr>
<td>NTP</td>
<td>Known: No; Suspected: No;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td>No Established Limit</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 0068476-86-8 | Petroleum gases, liquefied | OSHA | Regulated Carcinogen: No; |
| NTP | Known: No; Suspected: No; |
| IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| ACGIH | No Established Limit |
Classification | Category | Hazard Description
---|---|---
Acute toxicity (oral) | --- | Not Applicable
Acute toxicity (dermal) | --- | Not Applicable
Acute toxicity (inhalation) | --- | Not Applicable
Skin corrosion/irritation | 3 | Causes mild skin irritation. (Note: this GHS classification was not adopted by US OSHA).
Serious eye damage/irritation | --- | Not Applicable
Respiratory sensitization | --- | Not Applicable
Skin sensitization | 1A | May cause an allergic skin reaction.
Germ cell mutagenicity | --- | Not Applicable
Carcinogenicity | --- | Not Applicable
Reproductive toxicity | --- | Not Applicable
STOT-single exposure | --- | Not Applicable
STOT-repeated exposure | --- | Not Applicable
Aspiration hazard | --- | Not Applicable

Section 12. Ecological information

12.1. Toxicity
No additional information provided for this product. See Section 3 for chemical specific data. Aquatic Ecotoxicity

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>96 hr LC50 fish, mg/L</th>
<th>48 hr EC50 crustacea, mg/L</th>
<th>ErC50 algae, mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum gases, liquefied - (68476-86-8)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Surfactant Blend - (Proprietary)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>2-methyl-3H-isothiazolone - (2682-20-4)</td>
<td>4.77, Oncorhynchus mykiss</td>
<td>0.934, Daphnia magna</td>
<td>0.07 (72 hr), Skeletonema costatum</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
There is no data available on the preparation itself.

12.3. Bioaccumulative potential
Not Measured 12.4.

Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment
This product contains no PBT/vPvB
Section 13. Disposal considerations

13.1. Waste treatment methods
Observe all federal, state, and local regulations when disposing of this substance.

Section 14. Transport information

<table>
<thead>
<tr>
<th>DOT (Domestic Surface Transportation)</th>
<th>IMO / IMDG (Ocean Transportation)</th>
<th>ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1950</td>
<td>UN1950</td>
<td>UN1950</td>
</tr>
</tbody>
</table>

14.2. UN proper shipping name
UN1950, Aerosols, flammable, Aerosols, flammable 2.1,

14.3. Transport hazard class(es)
DOT Hazard Class: 2.1
Sub Class: Not Applicable
IMDG: 2.1
Sub Class: Not Applicable
Air Class: 2.1
Sub Class: Not Applicable

14.4. Packing group
Not Applicable
Not Applicable
Not Applicable

14.5. Environmental hazards
IMDG
Marine Pollutant: No;

14.6. Special precautions for user
Not Applicable

Section 15. Regulatory information

Regulatory Overview
The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance
All components of this material are either listed or exempt from listing on the TSCA Control Act (TSCA) Inventory.

EPCRA 302 Extremely Hazardous:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 Label Warning:**

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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### Section 16. Other information

**Revision Date** 07/08/2022

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

- H220 Extremely flammable gas.
- H280 Contains gas under pressure; may explode if heated.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

The information contained herein is furnished without warranty of any kind. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers. End of Document