1. Identification

1.1. Product identifier
Product Identity: Catalytic Converter Cleaner
Alternate Names: CAT-1, CODE-UVCCC

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use: Catalytic Converter Cleaner
Application Method: See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet
Company Name: SOLDER-IT, INC.
404 Irvington Street
Pleasantville, NY 10570

Emergency
CHEMTEL (USA): (800) 255-3924
24 hour Emergency Telephone No.: 800) 255-3924
Customer Service: Solder-IT, Inc.: 1-914-747-1092

2. Hazard(s) identification

2.1. Classification of the substance or mixture
- Flam. Liq. 2;H225: Highly Flammable liquid and vapor.
- Acute Tox. 3;H301: Toxic if swallowed.
- Acute Tox. 3;H311: Toxic in contact with skin.
- Acute Tox. 3;H331: Toxic if inhaled.
- Skin Irrit. 2;H315: Causes skin irritation.
- Eye Irrit. 2;H319: Causes serious eye irritation.
- Repr. 2;H361D: Suspected of damaging the unborn child.
- STOT SE 1;H370: Causes damage to organs. Specific Target Organs: (Not Available)
- STOT RE 2;H373: May cause damage to organs through prolonged or repeated exposure. Specific Target Organs: (Not Available)
2.2. Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

- H225 Highly flammable liquid and vapor.
- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H361d Suspected of damaging the unborn child.
- H370 Causes damage to organs.
- H373 May cause damage to organs through prolonged or repeated exposure.

[Prevention]:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
- P235 Keep cool.
- P240 Ground / bond container and receiving equipment.
- P241 Use explosion-proof electrical / ventilating / light / equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves / eye protection / face protection.

[Response]:

- P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
- P302+352 IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P307+311 IF exposed: Call a POISON CENTER or doctor / physician.
P308+313 IF exposed or concerned: Get medical advice / attention.
P314 Get Medical advice / attention if you feel unwell.
P321 Specific treatment (see information on this label).
P330 Rinse mouth.
P332+313 If skin irritation occurs: Get medical advice / attention.
P337+313 If eye irritation persists: Get medical advice / attention.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]:
P403+233 Store in a well ventilated place. Keep container tightly closed.
P405 Store locked up.

[Disposal]:
P501 Dispose of contents / container in accordance with local / 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>Methanol</td>
<td>50 - 75</td>
<td>Flam. Liq. 2;H225</td>
<td>[1][2]</td>
</tr>
<tr>
<td>CAS Number: 0000067-56-1</td>
<td></td>
<td>Acute Tox. 3;H331</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. 3;H311</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. 3;H301</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 1;H370</td>
<td></td>
</tr>
<tr>
<td>Toluene</td>
<td>10 - 25</td>
<td>Flam. Liq. 2;H225</td>
<td>[1][2]</td>
</tr>
<tr>
<td>CAS Number: 0000108-88-3</td>
<td></td>
<td>Repr. 2;H361d</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Asp. Tox. 1;H304</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT RE 2;H373</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Irrit. 2;H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;H336</td>
<td></td>
</tr>
<tr>
<td>Propanol, 2-methyl-</td>
<td>1.0 - 10</td>
<td>Flam. Liq. 3;H226</td>
<td>[1][2]</td>
</tr>
<tr>
<td>CAS Number: 0000078-83-1</td>
<td></td>
<td>STOT SE 3;H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Irrit. 2;H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Dam. 1;H318</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;H336</td>
<td></td>
</tr>
</tbody>
</table>
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 chemical is swallowed, Call Physician Or Poison Control Center For Most Current Information. Ingestion is life threatening.

Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow.

Victims Of chemical exposure must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS with victim to health professional.

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

Overview

Swallowing even small amounts of methanol can cause blindness and death. Overexposure to the vapors can cause central nervous system depression and visual disturbances.

Blurred vision or light sensitivity, mucous membrane irritation; headaches, sleepiness, nausea, confusion and loss of consciousness.

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents
may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

**Inhalation**
Toxic if inhaled. Causes damage to organs.

**Eyes**
Causes serious eye irritation.

**Skin**
Toxic in contact with skin. Causes skin irritation.

**Ingestion**
Toxic if swallowed.

---

### 5. Fire-fighting measures

#### 5.1. Extinguishing media
Water, water fog, dry chemical, CO

#### 5.2. Special hazards arising from the substance or mixture
Hazardous decomposition: Burns to form CO2, CO and possibly incompletely decomposed materials.
Keep away from heat / sparks / open flames / hot surfaces - No smoking.
Keep cool.
Ground / bond container and receiving equipment.
Use explosion-proof electrical / ventilating / light / equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust / fume / gas / mist / vapors / spray.

#### 5.3. Advice for fire-fighters
Self-contained respiratory protection should be provided for firemen fighting in the buildings or confined areas.

Containers may rupture under fire conditions. Vapors may accumulate in low areas.

---

### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures
Put on appropriate personal protective equipment (see section 8).

#### 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
Steps to be Taken in Case Material is Released or Spilled: Avoid inhalation of concentrated vapors. Absorb spilled material with appropriate absorbent.
Waste Disposal Method: Dispose of all wastes in accordance with federal, state and local regulations.

7. Handling and storage

7.1. Precautions for safe handling
Keep away from heat, sparks, open flame or direct sunshine. Do not puncture or incinerate container. See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities
Handle containers carefully to prevent damage and spillage. Incompatible materials: Strong oxidizers and alkalis See section 2 for further details. - [Storage]:

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

8. Exposure controls and 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>0000067-56-1</td>
<td>Methanol</td>
<td>OSHA</td>
<td>TWA 200 ppm (260 mg/m3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>TWA: 200 ppm STEL: 250 ppm Skin</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>TWA 200 ppm (260 mg/m3) ST 250 ppm (325 mg/m3) [skin]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
<tr>
<td>0000078-83-1</td>
<td>Propanol, 2-methyl-</td>
<td>OSHA</td>
<td>TWA 100 ppm (300 mg/m3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>TWA: 50 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>TWA 50 ppm (150 mg/m3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
<tr>
<td>0000108-88-3</td>
<td>Toluene</td>
<td>OSHA</td>
<td>TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak) STEL 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>TWA: 20 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>TWA 100 ppm (375 mg/m3) ST 150 ppm (560 mg/m3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
</tbody>
</table>

Carcinogen Data
8.2. Exposure controls

Respiratory If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes Goggles recommended.
Skin Impervious rubber gloves
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.
See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

**Appearance**
Clear reddish Liquid

**Odor**
Characteristic

**Odor threshold**
Not determined

**pH**
Not Measured

**Melting point / freezing point**
Not Measured

**Initial boiling point and boiling range**
148 F

**Flash Point**
52 F (TCC)

**Evaporation rate (Ether = 1)**
> 1 (Butyl Acetate = 1)

**Flammability (solid, gas)**
Not Applicable

**Upper/lower flammability or explosive limits**
Lower Explosive Limit: 6%
Upper Explosive Limit: 36%

**Vapor pressure (Pa)**
96 mmHg (70 F)

**Vapor Density**
> 1 (Air = 1)

**Specific Gravity**
0.803 (H2O = 1)
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
High Temperatures

10.5. Incompatible materials
Strong oxidizers and alkalis

10.6. Hazardous decomposition products
Burns to form CO2, CO and possibly incompletely decomposed materials.

11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. 2-butoxyethanol and its acetate are readily absorbed through the skin and will cause harmful effects on the blood.
### Ingredient Information

<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>Methanol - (67-56-1)</td>
<td>143.00, Human - Category: 3</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>64,000.00, Rat - Category: NA</td>
</tr>
<tr>
<td>Toluene - (108-88-3)</td>
<td>636.00, Rat - Category: 4</td>
<td>8,400.00, Rabbit - Category: NA</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Propanol, 2-methyl- - (78-83-1)</td>
<td>2,460.00, Rat - Category: 5</td>
<td>3,400.00, Rabbit - Category: 5</td>
<td>No data available</td>
<td>No data available</td>
<td>8,000.00, Rat - Category: 4</td>
</tr>
</tbody>
</table>

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).

### Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>Hazard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>3</td>
<td>Toxic if swallowed.</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>3</td>
<td>Toxic in contact with skin.</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>3</td>
<td>Toxic if inhaled.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>2</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>2</td>
<td>Suspected of damaging the unborn child.</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>1</td>
<td>Causes damage to organs.</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>2</td>
<td>May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

### 12. Ecological information

#### 12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details.

#### 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>
</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 chemicals.

12.6. Other adverse effects
No data available.

13. Disposal considerations

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

14. Transport information

Not provided.

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

WHMIS Classification
B2 D1B

US EPA Tier II Hazards
Fire: Yes
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): Yes
Delayed (Chronic): Yes

EPCRA 311/312 Chemicals and RQs (lbs):
- Methanol (5,000.00)
- Propanol, 2-methyl- (5,000.00)
- Toluene (1,000.00)

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:
- Methanol
- Toluene

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%):
- Methanol
- Toluene

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.

New Jersey RTK Substances (>1%):
- Methanol
- Propanol, 2-methyl-
- Toluene

Pennsylvania RTK Substances (>1%):
- Methanol
- Propanol, 2-methyl-
- Toluene

16. Other information

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:
H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness and dizziness.
H361d Suspected of damaging the unborn child.
H370 Causes damage to organs.
H373 May cause damage to organs through prolonged or repeated exposure.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

End of Document