1. **PRODUCT AND COMPANY IDENTIFICATION**

   **Manufacturer**
   Wechem, Inc
   5734 Susitna Dr
   Harahan, LA 70123

   **Contact:** Ligia M. Hernandez
   **Phone:** 504-733-1152
   **Fax:** 504-733-2218
   **Web:** www.wechem.com

   **Product Identifier:** Choke and Carb
   **SDS Number:** A45B
   **Product Code:** A45
   **Revision Date:** 7/31/2018
   **Product Use:** Choke and Carburetor Cleaner

   **Emergency Telephone Number:**
   INFOTRAC
   1-800-535-5053

2. **HAZARDS IDENTIFICATION**

   **Classification of the Substance or Mixture**
   **GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**
   - Physical, Flammable Aerosols, 1
   - Health, Specific target organ toxicity - Repeated exposure, 2
   - Health, Reproductive toxicity, 2
   - Health, Serious Eye Damage/Eye Irritation, 2 A
   - Health, Specific target organ toxicity - Single exposure, 3
   - Environmental, Hazards to the aquatic environment - Chronic, 3

   **GHS Label Elements, Including Precautionary Statements**
   **GHS Signal Word:** DANGER

   **GHS Hazard Pictograms:**

   **GHS Hazard Statements:**
   - H222 - Extremely flammable aerosol
   - H373 - May cause damage to organs through prolonged or repeated exposure
   - H361 - Suspected of damaging fertility or the unborn child.
   - H319 - Causes serious eye irritation
   - H336 - May cause drowsiness or dizziness
   - H412 - Harmful to aquatic life with long lasting effects

   **GHS Precautionary Statements:**
   - 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
   - P211 - Do not spray on an open flame or other ignition source.
   - P251 - Pressurized container: Do not pierce or burn, even after use.
   - P260 - Do not breathe gas.
   - P264 - Wash thoroughly after handling.
   - P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+313 - IF exposed or concerned: Get medical advice/attention.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P337 - If eye irritation persists: Get medical advice/attention.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

**Route of Entry:** Inhalation, eye, skin, ingestion.

**Target Organs:** Respiratory system. Skin. Kidneys. Central Nervous system. Eyes. Liver with prolonged or repeated exposure.

**Inhalation:** May cause damage to organs through prolonged or repeated exposure. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

**Skin Contact:** No adverse effects due to skin contact are expected.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Expected to be a low ingestion hazard.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Ingredients</th>
<th>CAS#</th>
<th>%</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>80-90%</td>
<td></td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</td>
<td>2.5-10%</td>
<td></td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>2.5-10%</td>
<td></td>
</tr>
</tbody>
</table>

### 4 FIRST AID MEASURES

**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:** Wash off with soap and water. Get medical attention if irritation develops and persists.

**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.

**Ingestion:** In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.

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

If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). 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.

### 5 FIRE FIGHTING MEASURES

**Flammability:** Extremely Flammable Aerosol

**Flash Point:** -156.0 °F (-104.4 °C) Propellant estimated

**Autoignition Temp:** 871.7 °F (466.5 °C) estimated
Extinguishing media: Powder. Alcohol resistant foam. Carbon dioxide (CO2). Do not use a solid water stream as it may scatter and spread the fire.

Unusual Fire & Explosion Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

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

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

6 ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. 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. For personal protection, see section 8 of the SDS. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

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

Handling Precautions: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes. 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 equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Level 2 Aerosol.

Storage Requirements: Store locked up. 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 away from incompatible materials (see Section 10 of the SDS). Level 2 Aerosol.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

**Personal Protective Equipment:**

HMIS PP, B | Goggles, Gloves
Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
Protective gloves: For prolonged or repeated skin contact use suitable protective gloves.
Eye protection: Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Wear suitable protective clothing. Use of an impervious apron is recommended.

Observe any medical surveillance requirements. When using, do not eat, drink or 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.

**Acetone cas#: (67-64-1) [80-90%]**

Components with workplace control parameters

<table>
<thead>
<tr>
<th></th>
<th>TWA</th>
<th>USA. ACGIH Threshold Limit Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEL</td>
<td>750 ppm</td>
<td>USA. ACGIH Threshold Limit Values</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(TLV)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye &amp; Upper Respiratory Tract irritation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Central Nervous System impairment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hematologic effects</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Substances for which there is a Biological Exposure Index or Indices (see BEI section)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not classifiable as a human carcinogen</td>
</tr>
<tr>
<td>STEL</td>
<td>1,000 ppm</td>
<td>USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors.</td>
</tr>
</tbody>
</table>

**Carbon dioxide cas#: (124-38-9) [2.5-10%]**

Components with workplace control parameters

<table>
<thead>
<tr>
<th></th>
<th>TWA</th>
<th>USA. ACGIH Threshold Limit Values (TLV)</th>
</tr>
</thead>
</table>
STEL 30,000 ppm  USA. ACGIH Threshold Limit Values (TLV)

Asphyxia

TWA 10,000 ppm  USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
18,000 mg/m3  1910.1000

Exposures under 10,000 ppm to be cited as de minimus.

STEL 30,000 ppm  USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
54,000 mg/m3  1910.1000

TWA 5,000 ppm  USA. Occupational Exposure Limits (OSHA) - Table Z- 1
9,000 mg/m3  Limits for Air Contaminants

The value in mg/m3 is approximate.

TWA 5,000 ppm  USA. NIOSH Recommended Exposure Limits
9,000 mg/m3

Normal constituent of air (about 300 ppm).

ST 30,000 ppm  USA. NIOSH Recommended Exposure Limits
54,000 mg/m3

Normal constituent of air (about 300 ppm).

Toluene cas#: (108-88-3) [2.5-10%]

Components with workplace control parameters

TWA 100 ppm  USA. OSHA - TABLE Z-1 Limits for
375 mg/m3  Air Contaminants - 1910.1000

STEL 150 ppm  USA. OSHA - TABLE Z-1 Limits for
560 mg/m3  Air Contaminants - 1910.1000

TWA 200 ppm  USA. Occupational Exposure Limits
(OSHA) - Table Z2
Z37.12- 1967

CEIL 300 ppm  USA. Occupational Exposure Limits
(OSHA) - Table Z2
Z37.12- 1967

Peak 500 ppm  USA. Occupational Exposure Limits
(OSHA) - Table Z2
Z37.12- 1967

TWA 20 ppm  USA. ACGIH Threshold Limit Values
(TLV)

Visual impairment
Female reproductive
Pregnancy loss
2010 Adoption

Substances for which there is a Biological Exposure Index or Indices
(see BEI section)

Not classifiable as a human carcinogen

TWA 100 ppm  USA. NIOSH Recommended
375 mg/m3  Exposure Limits

ST 150 ppm  USA. NIOSH Recommended
560 mg/m3  Exposure Limits
PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Physical State</td>
<td>Gas</td>
</tr>
<tr>
<td>Spec Grav./Density</td>
<td>0.806 g/cm³ estimated</td>
</tr>
<tr>
<td>Viscosity</td>
<td>NA</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>119.51 °F (48.62 °C) estimated</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>60-70 psig @ 70 F estimated</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing/Melting Pt.</td>
<td>NA</td>
</tr>
<tr>
<td>Flash Point</td>
<td>-156.0 °F (-104.4 °C) Propellant estimated</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-Ignition Temp</td>
<td>871.7 °F (466.5 °C) estimated</td>
</tr>
<tr>
<td>VOC</td>
<td>9.5% estimated</td>
</tr>
<tr>
<td>UFL/LFL</td>
<td>12.2% / 2.5% estimated</td>
</tr>
</tbody>
</table>

STABILITY AND REACTIVITY

Reactivity: This product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Material is stable under normal conditions.

Conditions to Avoid: Avoid temperatures exceeding the flash point. Contact with incompatible materials.


Hazardous Decomposition: No hazardous decomposition products are known.

Hazardous Polymerization: Does not occur.

TOXICOLOGICAL INFORMATION

Ingestion Expected to be a low ingestion hazard.

Inhalation May cause damage to organs through prolonged or repeated exposure. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact No adverse effects due to skin contact are expected.

Eye contact Causes serious eye irritation.

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

14 OZ CHOKE & CARB (CAS Mixture)

Acute

Dermal LD50 16312 mg/kg, (Rat)

Inhalation LC50 40 mg/l, 4 hrs (Rat)

Oral LD50 4.4 ml/kg estimated (Rat)

Components

Acetone (CAS 67–64–1)

Dermal LD50 >7426 mg/kg, 24 hours (Guinea pig)

LD50 >9.4 ml/kg, 24 hours (Guinea pig)

LD50 >7426 mg/kg, 24 hours (Rabbit)

LD50 >9.4 ml/kg, 24 hours (Rabbit)

Inhalation LC50 55700 ppm, 3 hours (Rat)

LC50 132 mg/l, 3 hours (Rat)

LC50 50.1 mg/l
Oral    LD50  5800 mg/kg  (Rat)  
        LD50  2.2 ml/kg   (Rat)

**Toluene** (CAS 108-88-3)

Dermal    LD50 >5000 mg/kg, 24 hours  (Rabbit)

Inhalation  LC50  6405-7436 ppm, 6 hours  (Mouse) 
            LC50  5320 ppm, 8 hours  (Mouse)
            LC50  5879-6281 ppm, 6 hours  (Rat)
            LC50  12.5-28.8 mg/l, 4 hours  (Rat)

Oral      LD50  5000 mg/kg   (Rat)

This product is not a respiratory sensitizer.
This product is not expected to cause skin sensitization.
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.


**Aspiration hazard:** Not likely, due to the form of the product.

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

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**ECOLOGICAL INFORMATION**

Ecotoxicity: Harmful to aquatic life with long lasting effects.

**14 OZ CHOKE & CARB (CAS Mixture)**

**Aquatic**

**Algae**    IC50   2150 mg/L, 72hrs  (Algae)
**Crustacea**  EC50   38.2328 mg/L, 48 hrs  (Daphnia)
**Fish**      LC50   123 mg/L, 96hrs  (Fish)

**Components**

**Acetone** (CAS 67-64-1)

**Crustacea**  EC50   21.6-23.9 mg/l 48 hrs  Water flea (Daphnia magna)
**Fish**      LC50   4740-6330  mg/l  96 hrs  Rainbow trout, donaldson trout (Oncorhynchus mykiss)

**Toluene (108-88-3)**

**Algae**    IC50   433.0001 mg/L, 72 hours  (Algae)
**Crustacea**  EC50   7.645 mg/L, 48 hours  Daphnia

**EC50**  5.46-9.83 mg/l, 48 hours  Water flea ( Daphnia magna)
**Fish**      LC50   8.11 mg/l, 96 hours  Coho salmon, silver salmon  (Oncorhynchus kisutch)

No data is available on the degradability of this product.

**Bioaccumulative potential:** No data available

**Partition coefficient n-octanol/water (log Kow)**
No data on the mobility in soil.
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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 of contents/container in accordance with local/regional/national/international regulations.

Dispose of in accordance with all applicable regulations. The waste code should be assigned in discussion between user, the producer and the waste disposal company.

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

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. Do not re-use empty containers.

### TRANSPORT INFORMATION

**DOT**
- **UN number**: UN1950
- **UN proper shipping name**: Aerosols, flammable, (each not exceeding 1 L capacity)
- **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

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

**IATA**
- **UN number**: UN1950
- **UN proper shipping name**: Aerosols, flammable
- **Transport hazard class(es)**:
  - **Class**: 2.1
  - **Subsidiary risk**: -
  - **Label(s)**: 2.1
- **Packing group**: Not applicable.
- **Environmental hazards**: No
ERG Code: 10L

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling. Remember to follow all safety instructions.

Other information:
- Passenger and cargo aircraft: Allowed with restrictions.
- Cargo aircraft only: Allowed with restrictions.

Packaging Exceptions: LTD QTY

IMDG:
- UN number: UN1950
- UN proper shipping name: AEROSOLS
- Transport hazard class(es): Class 2.1
- Subsidiary risk: -
- Label(s): 2.1
- 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.

Packaging Exceptions:
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: LTD QTY

15. REGULATORY INFORMATION

Component (CAS#) [%] - CODES

<table>
<thead>
<tr>
<th>RQ(5000LBS), Acetone (67-64-1) [80-90%]</th>
<th>CERCLA, HAP, MASS, NJHS, OSHA WAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon dioxide (124-38-9) [2.5-10%]</td>
<td>MASS, OSHA WAC, PA, TSCA, TXAIR</td>
</tr>
<tr>
<td>RQ(1000LBS), Toluene (108-88-3) [2.5-10%]</td>
<td>CERCLA, CSWHS, EPCRA WPC, GADSL, HAP, MASS, NJHS, OSHA WAC, PA, PRIPOL, PROP65, SARA313, TOXIC POL, TOXICRCRA, TSCA, TXAIR, TXHWL</td>
</tr>
</tbody>
</table>

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Toluene (CAS 108-88-3).

Regulatory CODE Descriptions:
- RQ = Reportable Quantity
- CERCLA = Superfund clean up substance
- HAP = Hazardous Air Pollutants
- MASS = MA Massachusetts Hazardous Substances List
- NJHS = NJ Right-to-Know Hazardous Substances
- OSHA WAC = OSHA Workplace Air Contaminants
- PA = PA Right-to-Know List of Hazardous Substances
- TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
- TSCA = Toxic Substances Control Act
- TXAIR = TX Air Contaminants with Health Effects Screening Level
- TXHWL = TX Hazardous Waste List
- CSWHS = Clean Water Act Hazardous substances
- EPCRA WPC = EPCRA Water Priority Chemicals
- GADSL = Global Automotive Declarable Substance List (GADSL)
- PRIPOL = Clean Water Act Priority Pollutants
- PROP65 = CA Prop 65
- SARA313 = SARA 313 Title III Toxic Chemicals
- TOXIC POL = Clean Water Act Toxic Pollutants
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

N/A = Not available    N/D = Not determined