SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: 86010 Cold Galvanize
PRODUCT CODE: 1733790
RECOMMENDED USE: Stop rust and corrosion
RESTRICTIONS ON USE: None Known
COMPANY NAME: Rainbow Technology Corporation
COMPANY ADDRESS: 261 Cahaba Valley Parkway, Pelham, Alabama 35124
COMPANY PHONE: 1-800-637-6047
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1
Liquefied Gas
Skin Irritant: Category 2
Eye Irritant: Category 2A
Specific Target Organ Toxicity (Single Exposure): Category 3
Specific Target Organ Toxicity (Repeated Exposure): Category 2
Aspiration Hazard: Category 1
Carcinogenicity: Category 2

HAZARD STATEMENT(S): DANGER: Extremely Flammable Aerosol. Contains gas under pressure: May explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Suspected of causing cancer.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and 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. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical 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 attention. Do not breathe fumes, mist, vapors, and spray. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Get medical advice if you feel unwell. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and national regulations.

SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane</td>
<td>142-82-5</td>
<td>10-30%</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>7-13%</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>68476-86-8</td>
<td>15-40%</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>1-5%</td>
</tr>
</tbody>
</table>
SECTION IV - FIRST AID MEASURES

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 or attention.

**INGESTION:** If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

**INHALATION:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

Wash thoroughly with soap and water. Seek medical attention if irritation develops.

**HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Inhalation: Anesthetic, irritation, Central Nervous System depression
Dominal irritaion, nausea, vomiting, diarrhea, and aspiration risk

**NIC HEALTH HAZARDS:** Cardiac abnormalities, liver damage, kidney damage, central nervous system effects, dermatitis, liver abnormalities, lung damage

TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, and water fog.

**TABLE EXTINGUISHING MEDIA:** Water spray/stream.

**AL FIRE FIGHTING PROCEDURES:** Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

**AL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**DIOUS COMBUSTION PRODUCTS:** Oxides of carbon

SECTION VI – ACCIDENTAL RELEASE MEASURES

**INAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

**DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

**STATUS:** Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

**LING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

**PRECAUTIONS:** Keep out of the reach of children.

**PATIBILITY:** Some plastics, strong oxidizing agents, acids, caustics, alkalis and chemically active metals.

SECTION VIII – EXPOSURE CONTROLS/PERSOAL PROTECTION

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
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</thead>
<tbody>
<tr>
<td>Heptane</td>
<td>500 ppm</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Acetone</td>
<td>1000 ppm</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Xylene</td>
<td>100 ppm</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

**EERING CONTROLS / VENTILATION:** Use only outdoors or in a well-ventilated area.

**ATORY PROTECTION:** Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

**NAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves

**IONAL MEASURES:** Wash hands thoroughly after handling. Do not breathe vapors. Do not eat, drink, or smoke while using product. Get medical attention if you feel unwell.
SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Gray Aerosol Spray

ODOR: Solvent odor

ODOR THRESHOLD: N/D

pH: N/A

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: >3 Fast

FLAMMABILITY(solid/gas): Extremely Flammable Aerosol

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

  LOWER FLAMMABILITY LIMIT: N/A
  UPPER FLAMMABILITY LIMIT: N/A
  EXPLOSIVE LIMIT LOWER (%): N/D
  EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H2O=1): 1.15-1.30

SOLUBILITY(IES): Moderate

PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: 6-22cps

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.

CHEMICAL STABILITY: Stable

POSSIBLE HAZARDOUS REACTIONS: None Known

CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.

INCOMPATIBLE MATERIALS: Some plastics, strong oxidizing agents, acids, caustics, alkalis and chemically active metals.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Acetone (67-64-1) LD₅₀ (Oral, Rat) 5800 mg/kg; LD₅₀ (Oral, Mouse) 3000 mg/kg; LD₅₀ (Oral, Rabbit) 5340 mg/kg; LC₅₀ (Inhalation, Rat, 8hr) 50100 mg/m³; LC₅₀ (Inhalation, Mouse, 4hr) 44,000 mg/m³ Heptane (142-82-5) LC₅₀ (Inhalation, Rat): 103,000 mg/m³

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes moderate irritation, redness, tearing.

INGESTION: May cause effects similar to those for inhalation exposure. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal. May cause central nervous system depression. Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.

INHALATION: Dizziness, headache, nausea, depression of central nervous system, prolonged exposure may lead to unconsciousness

SKIN: Brief contact is not irritating. May cause irritation, localized defatting, redness, itching with prolonged or repeated contact. Can be absorbed through the skin with prolonged and widespread contact.

MEDICAL CONDITION AGGRAVATED: None known

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Anesthetic, irritation, Central Nervous System depression

Oral: abdominal irritation, nausea, vomiting, diarrhea, and aspiration risk

CHRONIC HEALTH HAZARDS: Cardiac abnormalities, liver damage, kidney damage, central nervous system effects, dermatitis, liver abnormalities, lung damage

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: 2B - Possible OTHER: CA Prop 65
SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY:  
**Acetone** (67-64-1) LC₅₀ (Trout, 96hr) 5540 mg/L; LC₅₀ (Bluegill, 96hr) 8300 mg/L; LC₅₀ (Fathead Minnow, 96hr) 7500 mg/L

PERSISTENCE AND DEGRADABILITY:  Component or components of this product are not biodegradable.

BIOACCUMULATIVE POTENTIAL:  This product is not expected to bioaccumulate.

MOBILITY IN SOIL:  This product is mobile in soil.

OTHER ADVERSE EFFECTS:  This material is toxic to aquatic life.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:  Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

RCRA STATUS:  Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME:  Aerosols
HAZARD CLASS/DIVISION:  2.1
UN/NA NUMBER:  UN 1950
PACKING GROUP:  N/A

AIR SHIPMENT
PROPER SHIPPING NAME:  Aerosols, flammable
HAZARD CLASS/DIVISION:  2.1
UN/NA NUMBER:  UN 1950
PACKING GROUP:  N/A

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME:  Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION:  2.1
UN/NA NUMBER:  UN 1950
PACKING GROUP:  N/A
ENVIRONMENTAL HAZARDS WATER:  Marine Pollutant

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:  All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):  Acetone (67-64-1) Reportable Quantity = 5,000 lbs  Xylenes (1330-20-7) Reportable Quantity = 100 lbs

SARA 311/312 HAZARD CATEGORIES:  Fire Hazard
SARA 313 REPORTABLE INGREDIENTS:  Xylenes (1330-20-7)

STATE REGULATIONS:  Heptane (142-82-5) California Director's List of Hazardous Substances, Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, New Jersey RTK, Massachusetts RTK, Minnesota RTK, Pennsylvania RTK, Rhode Island RTK  Prop 65: This product can expose you to chemicals including Ethylbenzene(100-41-4) which is known to the State of California to cause cancer, birth defects, and other reproductive harm. For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL REGULATIONS:  All components are listed or exempted.

VOLATILE ORGANIC COMPOUNDS (VOC):  58%

<table>
<thead>
<tr>
<th>NFPA HEALTH</th>
<th>2</th>
<th>HMIS HEALTH</th>
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<tbody>
<tr>
<td>NFPA FLAMMABILITY</td>
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<td>HMIS FLAMMABILITY</td>
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<tr>
<td>NFPA REACTIVITY</td>
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<tr>
<td>NFPA OTHER</td>
<td>None</td>
<td>HMIS PROTECTION</td>
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</tr>
</tbody>
</table>
SECTION XVI - OTHER INFORMATION

PREPARATION BY: Andrew Bach
DATE PREPARED: 07/24/2013
REVISION DATE: 03/18/2019

N/A = Not Applicable; N/D = Not Determined

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