

## Safety Data Sheet (SDS)

### 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

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Heptane	142-82-5	10-30%
Acetone	67-64-1	7-13%
Propane/n-Butane	68476-86-8	15-40%
Xylene	1330-20-7	1-5%

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## 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.

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

**ACTION:** 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

fatting and dermatitis

on: Anesthetic, irritation, Central Nervous System depression

dominal irritation, nausea, vomiting, diarrhea, and aspiration risk

**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.

**GENERAL 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.

**ADDITIONAL 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.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL 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

**HANDLING 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.

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

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Heptane	500 ppm	400 ppm
Acetone	1000 ppm	500 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Xylene	100 ppm	100 ppm

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

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

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

**ADDITIONAL 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.

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## 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 (H<sub>2</sub>O=1):** 1.15-1.30  
**SOLUBILITY(IES):** Moderate  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** 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) LD<sub>50</sub> (Oral, Rat) 5800 mg/kg; LD<sub>50</sub> (Oral, Mouse) 3000 mg/kg; LD<sub>50</sub> (Oral, Rabbit) 5340 mg/kg; LC<sub>50</sub> (Inhalation, Rat, 8hr) 50100 mg/m<sup>3</sup>; LC<sub>50</sub> (Inhalation, Mouse, 4hr) 44,000 mg/m<sup>3</sup> **Heptane** (142-82-5) LC<sub>50</sub> (Inhalation, Rat): 103,000 mg/m<sup>3</sup>

**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

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## SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY:** Acetone (67-64-1) LC<sub>50</sub> (Trout, 96hr) 5540 mg/L; LC<sub>50</sub> (Bluegill, 96hr) 8300 mg/L; LC<sub>50</sub> (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](http://www.P65Warnings.ca.gov).

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

**VOLATILE ORGANIC COMPOUNDS (VOC):** 58%

**NFPA HEALTH:** 2

**NFPA FLAMMABILITY:** 3

**NFPA REACTIVITY:** 1

**NFPA OTHER:** None

**HMIS HEALTH:** 2

**HMIS FLAMMABILITY:** 3

**HMIS REACTIVITY:** 1

**HMIS PROTECTION:** B

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## 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

**DISCLAIMER:** To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.