

# Safety Data Sheet

## Unplug

### SECTION I - IDENTIFICATION

**PRODUCT NAME:** Unplug  
**PRODUCT CODE:** 6006  
**PRODUCT USE:** Industrial Degreaser  
**COMPANY NAME:** QuestSpecialty Corporation  
**COMPANY ADDRESS:** PO Box 624 Brenham, TX 77834  
**COMPANY PHONE:** 1-800-231-0454  
**EMERGENCY PHONE:** 800-255-3924

### SECTION II – HAZARDS IDENTIFICATION

**CLASSIFICATION:** Flammable Liquid: Category 2  
Skin Irritant: Category 2  
Eye Irritant: Category 2A  
Specific Target Organ Toxicity (Single Exposure): Category 3  
Aspiration Hazard: Category 1

**HAZARD STATEMENT(S): DANGER:** Highly flammable liquid and vapor. Causes skin and serious eye irritation. May cause drowsiness and dizziness. May be fatal if swallowed and enters airways.

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. Keep container tightly closed. Wear protective gloves and eye protection. If on skin (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water or shower. If skin irritation occurs: Get medical advice or attention. 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. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. In case of fire use dry chemical, foam, or carbon dioxide. Store in a well-ventilated place. Keep container tightly closed and cool. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Wash hands thoroughly after handling. Avoid breathing fumes, mist, or vapors. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

For large quantities:

Ground or bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.



**SYMBOL:**

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

### SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Heptane	142-82-5	60-100%
Isopropyl Alcohol	67-63-0	7-13%

### SECTION IV - FIRST AID MEASURES

**EYES:** 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: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

**SKIN:** If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

**ACUTE HEALTH HAZARDS:** Inhalation: dizziness, drowsiness, weakness, and fatigue

Eye: stinging, tearing, redness

Oral: Aspiration risk

Skin: Prolonged or repeated contact may dry skin

**CHRONIC HEALTH HAZARDS:** Skin disorders, drying and irritation of the skin.

# Safety Data Sheet

## Unplug

**NOTE 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, foam, or Carbon Dioxide (CO<sub>2</sub>).

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

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers. Shut off all sources of ignition.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. May develop a flammable atmosphere in confined areas.

### SECTION VI – ACCIDENTAL RELEASE MEASURES

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

**SPILL:** Clean up with non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Waste likely considered D001, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Store in a well ventilated place. Keep cool. Wear protective gloves and eye protection.

**OTHER PRECAUTIONS:** Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for the product.

**INCOMPATIBILITY:** Oxidizers, heat, sparks, open flame, and energized equipment.

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Heptane	400 ppm	400 ppm
Isopropyl Alcohol	400 ppm	200 ppm

**ENGINEERING CONTROLS / VENTILATION:** Use only in well ventilated areas. Forced ventilation required. Local exhaust preferred to general.

**RESPIRATORY PROTECTION:** Use only in well ventilated areas. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

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

**ADDITIONAL MEASURES:** Wash hands thoroughly after handling.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear Liquid

**ODOR:** Alcohol solvent

**ODOR THRESHOLD:** N/D

**BOILING POINT:** N/D

**FREEZING POINT:** N/D

**FLAMMABILITY:** Highly Flammable Liquid

**FLASH POINT:** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/A

**UPPER FLAMMABILITY LIMIT:** N/A

**VAPOR PRESSURE (mm Hg):** 124 mmHg @ 75°F

# Safety Data Sheet

## Unplug

**VAPOR DENSITY (AIR=1):** > 2  
**EVAPORATION RATE:** >2.5  
**SPECIFIC GRAVITY (H2O=1):** 0.71  
**pH:** N/A  
**SOLIDS (%):** N/D  
**SOLUBILITY IN WATER:** 10%  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D  
**VOLATILITY INCLUDING WATER (%):** 100 %  
**VOLATILE ORGANIC COMPOUNDS (VOC):** 100%  
**DIELECTRIC STRENGTH (Volts):** N/D  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

### SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** If exposed to strong oxidizers, presents explosion hazard.  
**CHEMICAL STABILITY:** Stable  
**CONDITIONS TO AVOID:** Temperatures greater than 122°F and sources of ignition.  
**INCOMPATIBILITY:** Oxidizers, heat, sparks, open flame, and energized equipment.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon  
**POSSIBLE HAZARDOUS REACTIONS:** None Known

### SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** **Heptane** (142-82-5) LD<sub>50</sub> (Oral, Rat) 15,000 mg/kg; LC<sub>50</sub> (Inhalation, Rat, 4hr) 103 g/m<sup>3</sup>; LD<sub>50</sub> (Dermal, Rabbit) 2,000 mg/kg **Isopropyl Alcohol** (67-63-0) LD<sub>50</sub> (Oral,Rat) 5045 mg/kg; LD<sub>50</sub> (Oral, Rabbit) 5045 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) 12,800 mg/kg; LC<sub>50</sub> (Inhalation, Rat, 8hr) 16,000 ppm  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** Causes irritation, redness, tearing, pain, blurred vision.  
**INGESTION:** May be harmful if swallowed. Not an expected route of exposure. Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, pulmonary edems, unconsciousness or death  
**INHALATION:** Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.  
**SKIN:** Brief contact is not irritating. May cause irritation, dryness, redness, localized defatting with prolonged or repeated contact. Removes natural oils and fats from skin.  
**MEDICAL CONDITION AGGRAVATED:** Asthma, bronchitis, emphysema and other lung diseases and chronic nose, sinus or throat conditions. Skin irritation may be aggravated in individuals with existing skin disorders.  
**ACUTE HEALTH HAZARDS:** Inhalation: dizziness, drowsiness, weakness, and fatigue  
Eye: stinging, tearing, redness  
Oral: Aspiration risk  
Skin: Prolonged or repeated contact may dry skin  
**CHRONIC HEALTH HAZARDS:** Skin disorders, drying and irritation of the skin.  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

### SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** **Isopropyl Alcohol** (67-63-0) LC<sub>50</sub> (Fathead Minnow, 96 hrs) 100,000 mg/L  
**BIODEGRADABILITY:** Component or components of this product are not biodegradable.  
**BIOACCUMULATION:** This product is not expected to bioaccumulate.  
**SOIL MOBILITY:** This product is mobile in soil.  
**OTHER ECOLOGICAL HAZARDS:** This material is toxic to aquatic life.

### SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.  
**RCRA STATUS:** Waste likely considered D001, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**Safety Data Sheet**  
Unplug

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Flammable Liquid, N.O.S., (Heptane, Isopropanol)  
**HAZARD CLASS/DIVISION:** 3  
**UN/NA NUMBER:** UN 1993  
**PACKAGING GROUP:** II

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Flammable Liquid, N.O.S., (Heptane, Isopropanol)  
**HAZARD CLASS/DIVISION:** 3  
**UN/NA NUMBER:** UN 1993

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Flammable Liquid, N.O.S., (Heptane, Isopropanol)  
**HAZARD CLASS/DIVISION:** 3  
**UN/NA NUMBER:** UN 1993  
**ENVIRONMENTAL HAZARDS WATER:** Marine Pollutant

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:** All Chemicals are listed or exempt.  
**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None  
**SARA 311/312 HAZARD CATEGORIES:** Acute Health, Fire

**SARA 313 REPORTABLE INGREDIENTS: Isopropyl Alcohol (67-63-0)**

**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

**Isopropyl Alcohol (67-63-0)** Right-to-Know acts for Rhode Island, Pennsylvania, Florida, Minnesota, Massachusetts, New Jersey, Tennessee Connecticut hazardous material survey. Isopropyl alcohol Illinois toxic substances disclosure to employee act

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

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	3	<b>HMIS FLAMMABILITY:</b>	3
<b>NFPA REACTIVITY:</b>	0	<b>HMIS REACTIVITY:</b>	0
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	B

**SECTION XVI - ADDITIONAL INFORMATION**

**PREPARATION BY:** Jonathon Jarvis  
**DATE PREPARED:** 12/06/2013  
**REVISION DATE:** 10/27/2014

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.