

# Safety Data Sheet

## SECTION I - IDENTIFICATION

**PRODUCT NAME:** Quick-Solv III  
**PRODUCT CODE:** 503000004-20AR  
**PRODUCT USE:** Solvent Degreaser  
**COMPANY NAME:** Banner Labs  
**COMPANY ADDRESS:** P O Box 41388, Houston, TX 77241-1388  
**COMPANY PHONE:** 713-896-8778  
**EMERGENCY PHONE:** 800-255-3924

## SECTION II – HAZARDS IDENTIFICATION

**CLASSIFICATION:** Dissolved Gas  
Skin Irritant: Category 2  
Eye Irritant: Category 2A  
Reproductive Toxicity: Category 1A  
Specific Target Organ Toxicity (Single Exposure): Category 3a/3b  
Specific Target Organ Toxicity (Repeated Exposure): Category 2

**HAZARD STATEMENT(S): DANGER:** Contains gas under pressure; May explode if heated. Causes skin irritation. Causes serious eye irritation. May damage fertility or the unborn child. May cause respiratory irritation, drowsiness, or dizziness. May cause damage to Central Nervous System, Reproductive System, Kidney, and Liver through prolonged or repeated exposure.

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, take off contaminated clothing and wash it before reuse. If on skin, wash with plenty of water. If skin irritation occurs, get medical advice/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 attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear chemical resistant gloves and safety glasses. If exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents and container in accordance with local/regional/national regulations. Do not breathe fumes, mist, vapors, and spray. 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/doctor if you feel unwell. Keep container tightly closed.



**SYMBOL:**

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

## SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
n-Propyl Bromide	106-94-5	60-100%
Carbon Dioxide	124-38-9	1-5%

## SECTION IV - FIRST AID MEASURES

**EYES:** Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.

**INGESTION:** If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

**INHALATION:** Move to fresh air. If not breathing, administer artificial respiration.

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

**ACUTE HEALTH HAZARDS:** Headache, drowsiness, dizziness, nausea, vomiting or narcosis.

**CHRONIC HEALTH HAZARDS:** Repeated inhalation of high concentrations may cause lung, liver, kidney, urinary, blood, bone marrow, heart, eye, central nervous system, gastrointestinal, reproductive, developmental and fertility effects.

**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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## SECTION V – FIRE-FIGHTING MEASURES

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

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear SCBA in fire situations.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks, open flames, and hot surfaces. No smoking.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, hydrogen halides, bromides

## SECTION VI – ACCIDENTAL RELEASE MEASURES

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

**SPILL:** Absorb spill with non-combustible material such as vermiculite, sand or earth.

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations.

**RCRA 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. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container:  
Do not pierce or burn, even after use.

**INCOMPATIBILITY:** Strong alkalies, oxidizers, bases, reactive metals, and natural rubber

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
n-Propyl Bromide	25 ppm	10 ppm
Carbon Dioxide	5000 ppm	5000 ppm

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

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves are recommended.

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

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear colorless to yellow liquid

**ODOR:** Strong solvent odor

**ODOR THRESHOLD:** N/D

**BOILING POINT:** 158°F (70°C)

**FREEZING POINT:** -166.8°F (-110.5°C)

**FLAMMABILITY:** Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)

**FLASH POINT:** N/A

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**VAPOR PRESSURE (mm Hg):** 110.8 @ 77°F (25°C)

**VAPOR DENSITY (AIR=1):** > 1 @ 77°F (25°C)

**EVAPORATION RATE:** 4.7 (Fast)

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.3

**pH:** N/A

**SOLIDS (%):** 0%

**SOLUBILITY IN WATER:** Non-soluble

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**VOLATILITY INCLUDING WATER (%):** 100%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 97%

**DIELECTRIC STRENGTH (Volts):** N/D

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**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

## SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** None Known

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Excessive heat. Prolonged contact with free water will result in diminished stabilizer and corrosion.

**INCOMPATIBILITY:** Strong alkalies, oxidizers, bases, reactive metals, and natural rubber

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon, hydrogen halides, bromides

**POSSIBLE HAZARDOUS REACTIONS:** Will not occur

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** **n-Propyl Bromide** (106-94-5) LD<sub>50</sub> (oral, rat) 3600 mg/kg; LC<sub>50</sub> (rat, 0.5hr) 253,000 mg/m<sup>3</sup>

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** Causes irritation.

**INGESTION:** Nausea and gastric discomfort.

**INHALATION:** Causes irritation to the respiratory tract, headache, dizziness, nausea, vomiting or narcosis. May cause liver damage.

**SKIN:** Causes mild irritation, dryness, localize defatting.

**MEDICAL CONDITION AGGRAVATED:** Pre-existing conditions of the skin, liver, CNS, and kidneys

**ACUTE HEALTH HAZARDS:** Headache, dizziness, nausea, vomiting or narcosis.

**CHRONIC HEALTH HAZARDS:** Repeated inhalation of high concentrations may cause lung, liver, kidney, urinary, blood, bone marrow, heart, eye, central nervous system, gastrointestinal, reproductive, developmental and fertility effects.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: 2B - Possible OTHER: CA Prop 65

## SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** **n-Propyl Bromide** (106-94-5) Not considered to be a bioaccumulator. LC<sub>50</sub> (Fathead Minnow, 96hr) 67 mg/L; EC<sub>50</sub> (Daphnia, 24hr) 208.9 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:** None Known

## SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations.

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

## SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** None

### AIR SHIPMENT

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** None

### SHIPPING BY WATER:

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.2

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**UN/NA NUMBER:** UN 1950  
**PACKAGING GROUP:** None  
**ENVIRONMENTAL HAZARDS WATER:** N/A

## 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:** Immediate

**SARA 313 REPORTABLE INGREDIENTS:** **1, 2-Butylene Oxide** (106-88-7) < 0.6% by weight.

**STATE REGULATIONS:** **n-Propyl Bromide** (106-94-5) California Prop 65 **1, 2-Butylene Oxide** (106-88-7) RTK - NJ, PA, CA, FL, MN, MA

**INTERNATIONAL REGULATIONS:** **n-Propyl Bromide** (106-94-5) Canada (DSL): Ingredients listed WHMIS: Class D Division 2B, WHMIS-HC-1

**NFPA HEALTH:** 2

**HMIS HEALTH:** 2

**NFPA FLAMMABILITY:** 1

**HMIS FLAMMABILITY:** 1

**NFPA REACTIVITY:** 0

**HMIS REACTIVITY:** 0

**NFPA OTHER:** None

**HMIS PROTECTION:** B

## SECTION XVI - ADDITIONAL INFORMATION

**PREPARATION BY:** Jonathon Jarvis

**DATE PREPARED:** 12/27/2013

**REVISION DATE:** 09/22/2014

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

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