

Safety Data Sheet

Quick-Solv III

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 1B

Specific Target Organ Toxicity (Single Exposure): Category 2

Specific Target Organ Toxicity (Single Exposure): Category 3, Respiratory system, Central nervous system

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.

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. Wash hands thoroughly after handling, take off contaminated clothing and wash it before reuse. Wear protective gloves. If on skin, wash with plenty of water. 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 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. Keep container tightly closed. Store locked up in a well-ventilated place. 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.

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 or 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.

Safety Data Sheet

Quick-Solv III

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.

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. 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.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Strong alkalis, 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

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/D

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 (H₂O=1): 1.3

pH: N/A

SOLUBILITY IN WATER: Non-soluble

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

Safety Data Sheet

Quick-Solv III

VOLATILE ORGANIC COMPOUNDS (VOC): 97%

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 alkalis, oxidizers, bases, reactive metals, and natural rubber

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

POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **n-Propyl Bromide** (106-94-5) LD₅₀ (oral, rat) 3600 mg/kg; LC₅₀ (rat, 0.5hr) 253,000 mg/m³

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, 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.

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. LC₅₀ (Fathead Minnow, 96hr) 67 mg/L; EC₅₀ (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: N/A

AIR SHIPMENT

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HAZARD CLASS/DIVISION: 2.2

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PACKAGING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

Safety Data Sheet

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HAZARD CLASS/DIVISION: 2.2
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A
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: Chioma Agbai

DATE PREPARED: 12/27/2013

REVISION DATE: 09/20/2017

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

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