

Safety Data Sheet
Charge

SECTION I - IDENTIFICATION

PRODUCTNAME: Charge
PRODUCTCODE: 1761
PRODUCTUSE: Drain Opener
COMPANYNAME: Banner Labs, Inc.
COMPANYADDRESS: P O BOX 41388 HOUSTON, TX 77241
COMPANYPHONE: 713-896-8778
EMERGENCYPHONE: 800-880-0015

SECTION II - HAZARD IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1

Liquefied Gas

Skin Irritant: Category 2

Eye Irritant: Category 2A

HAZARD STATEMENT(S): DANGER: Extremely Flammable Aerosol Contains gas under pressure; May explode if heated.

Contains gas under pressure; May explode if heated. Causes skin and serious eye irritation. 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 50C/122F. 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.



SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
1,8-p-Menthadiene	5989-27-5	60-100%
Propane/n-Butane	68476-86-8	10-30%
Carbon Dioxide	124-38-9	1-5%

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: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

INHALATION: Move to fresh air. If breathing is difficult or unconscious, 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: Eyes: redness, tearing, blurred vision
Skin: Defatting and dermatitis

CHRONIC HEALTH HAZARDS: None known

NOT 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, alcohol foam, and water spray or fog.

UNSUITABLE EXTINGUISHING MEDIA: N/A

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

UNUSUAL 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: N/A

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SPILL: Floors will become slippery. Avoid walking in product. Ventilate area well. Keep unessential personnel away. Mop up or otherwise absorb and hold for disposal. Avoid discharge to sewer or open waterways. Dispose in accordance with local, state and federal laws.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not flame cut, braze, or weld. Empty container very hazardous!

RCRA STATUS: 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 acids, strong alkalis, strong oxidizing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
1,8-p-Menthadiene	Not Established	Not Established
Propane/n-Butane	1000 ppm	1000 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 exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, Colorless to Pale Yellow Aerosol

ODOR: Citrus

ODOR THRESHOLD: 1 ppm

BOILING POINT: N/D

FREEZING POINT: N/D

FLAMMABILITY: Extremely Flammable Aerosol

FLASH POINT: -15°F

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: N/A

UPPER FLAMMABILITY LIMIT: N/A

VAPOR PRESSURE (mmHg): 2 mmHg at 20°C.

VAPOR DENSITY (AIR=1): 4.7

EVAPORATION RATE: 1 Medium

SPECIFIC GRAVITY (H₂O=1): 0.86

pH: N/A

SOLIDS (%): N/D

SOLUBILITY IN WATER: 100%

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

VOLATILITY INCLUDING WATER (%): 100%

VOLATILE ORGANIC COMPOUNDS (VOC): 88%

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DIELECTRICSTRENGTH(Volts): N/D
DECOMPOSITIONTEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY:NoneKnown
CHEMICAL STABILITY: Stable
CONDITIONSTOAVOID: Temperaturesgreaterthan122°Fandsourcesofignition.

INCOMPATIBILITY: Strongacids,strongalkalis,strongoxidizingagents.
HAZARDOUSDECOMPOSITIONORBY-PRODUCT: Oxidesofcarbon
POSSIBLEHAZARDOUSREACTIONS: NoneKnown

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICALINFORMATION: Not Established
ROUTESOFENTRY: Eyes,Ingestion,Inhalation,Skin
EYES: Causes irritation.
INGESTION: Causes gastrointestinal irritation.
INHALATION: Nohazardswithnormaluse.Maycauseirritation of the respiratory tract.
SKIN: Causes irritation
MEDICALCONDITIONAGGRAVATED: Noneknown
ACUTEHEALTHHAZARDS: Eyes: redness,tearing,blurredvision
CHRONICHEALTHHAZARDS: Noneknown
CARCINOGENICITY: OSHA: No ACGIH:No NTP: No IARC:No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICALINFORMATION: Prevent run-offtosewers,streamsorotherbodiesofwater.Ifreleasedmaterial innot expectedto bioconcentrateinorganismsorpersist intheenvironment.May decrease pH of waterways and adversely affect aquatic life.
BIODEGRADABILITY: This product is biodegradable.
BIOACCUMULATION: Thisproductisnotexpectedtobioaccumulate.
SOIL MOBILITY: This product is mobile insoil.
OTHERECOLOGICALHAZARDS: NoneKnown

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Disposeofinaccordancewithfederal,state,andlocalregulations.Donotflamecut,braze,orweld. Empty containerveryhazardous!
RCRASTATUS: Product shouldbefully characterizedpriortodisposal (40CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPSHIPPINGNAME: Aerosols,Ltd.Qty.
HAZARDCLASS/DIVISION: 2.1
UN/NANUMBER: UN 1950
PACKAGINGGROUP: N/A

AIRSHIPMENT

PROPSHIPPINGNAME: Aerosols,Ltd.Qty.
HAZARDCLASS/DIVISION: 2.1
UN/NANUMBER: UN 1950

SHIPPINGBYWATER:

VESSEL (IMO/IMDG)
PROPSHIPPINGNAME: Aerosols,Ltd.Qty.
HAZARDCLASS/DIVISION: 2.1

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UN/NANUMBER: UN 1950
ENVIRONMENTALHAZARDSWATER: 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: Fire Hazard
SARA 313 REPORTABLE INGREDIENTS: None STATE
REGULATIONS: California Proposition 65: None
INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	2	HMIS FLAMMABILITY:	2
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	B

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis
DATE PREPARED: 08/12/2013
REVISION DATE: 01/22/2015

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

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