

Material Safety Data Sheet
Charge

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REVISION DATE: 08/12/2013
CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 2050

SECTION I - IDENTIFICATION

PRODUCT NAME: Charge
PRODUCT CODE: 2050
PRODUCT USE: Drain Opener

SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
1,8-p-Menthadiene	94266-47-4	Not Established	Not Established
Non-ionic Surfactant	127087-87-0	Not Established	Not Established
Propane/n-Butane	68476-86-8	1000 ppm	1000 ppm
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Moderate eye and skin irritant. This substance is flammable and will sustain combustion at temperatures above its flashpoint. Avoid heat, sparks and open flame.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes irritation.

INGESTION: Causes gastrointestinal irritation.

INHALATION: No hazards with normal use. May cause irritation of the respiratory tract.

SKIN: Causes irritation

MEDICAL CONDITION AGGRAVATED: None known

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY:

OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

SECTION IV - FIRST AID MEASURES

EYES: Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.

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: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

NOTE TO PHYSICIAN: None

SECTION V – FIRE-FIGHTING MEASURES

FLASH POINT: 120°F TCC.

FLAMMABLE LIMITS IN AIR, (% BY VOLUME) **UPPER:** Not tested **LOWER:** Not tested

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO₂).

SPECIAL 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.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: **Flammable!** Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Cool containers with water spray.

HAZARDOUS COMBUSTION PRODUCTS: Not determined

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

WASTE DISPOSAL: Keep out of reach of children.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Do not use or store near heat, open flames, or other sources of ignition. Do not puncture. Use adequate ventilation. Dispose of in accordance with federal, state and local guidelines. Avoid prolonged or repeated inhalation of mist or vapor and contact with skin.

OTHER PRECAUTIONS: Keep out of the reach of children. Follow label instructions exactly.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: General ventilation adequate.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.

PROTECTIVE CLOTHING: Safety glasses should be worn during use.

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

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, Pale Yellow Liquid

ODOR: Fresh citrus orange

PHYSICAL STATE: Liquid

BOILING POINT: >350°F

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

VAPOR DENSITY (AIR=1): 4.7

SPECIFIC GRAVITY (H₂O=1): 0.84

SOLUBILITY IN WATER: 100%

VOLATILITY INCLUDING WATER (%): 100 %

VOLATILE ORGANIC COMPOUNDS (VOC): 20%

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 120°F and sources of ignition.

INCOMPATIBILITY: Strong acids, strong alkalis, strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Prevent run-off to sewers, streams or other bodies of water. If released material is not expected to bioconcentrate in organisms or persist in the environment. May decrease pH of waterways and adversely affect aquatic life.

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SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Keep out of reach of children.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: ORM-D

PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

NOTE:

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

NFPA HEALTH: 1

HMIS HEALTH: 1

NFPA FLAMMABILITY: 2

HMIS FLAMMABILITY: 2

NFPA REACTIVITY: 1

HMIS REACTIVITY: 1

NFPA OTHER:

HMIS PROTECTION: A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis

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