

SAFETY DATA SHEET



CD-80,
AEROSOL

DATE PRINTED	1/31/2018
SDS REF. No :	LG-2051

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: CD-80,AEROSOL

Product Identification: LG-2051

Synonyms: Blend of Petroleum Distalites

Product Use Description: Lubricant

General Info Phone: (972) 247-7111

Emergency Phone: (800) 535-5053

Supplier:

ARROW/MAGNOLIA

2646 Rodney Ln

DALLAS, TX 75229

2 . HAZARDS IDENTIFICATION

CLASSIFICATION: Dissolved Gas
Skin Corrosion/Irritation-Category 2
Serious Eye damage/Eye irritation-Category 2A
Specific Target Organ Toxicity (Single Exposure)-Category 1
Carcinogenicity-Category 1B
Germ Cell Mutagenicity-Category 2
Aspiration Hazard - Category 1



SIGNAL WORD: DANGER

HAZARD STATEMENTS:

Contains gas under pressure; May explode if heated.
Causes skin and serious eye irritation.
May cause drowsiness and dizziness.
May cause cancer. Suspected of causing genetic defects.
This product contains the following percentage of chemicals of unknown toxicity: 9%

PRECAUTIONARY STATEMENTS:

PREVENTION

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. 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.

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Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, eye protection, and protective clothing. If exposed or concerned: Get medical advice or attention.

Store locked up.

Dispose of contents and container in accordance with local, state, and national regulations.

Avoid breathing 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 or doctor if you feel unwell.

3. COMPOSITION

HAZARDOUS INGREDIENT	CAS
Carbon Dioxide	124-38-9
Trichloroethylene	79-01-6
Tetrachloroethylene	127-18-4
Hydrotreated Heavy Naphthenic	
Petroleum Distillate	64742-52-5
Mineral Spirits	8052-41-3

4. FIRST AID MEASURES

EMERGENCY OVERVIEW

EYES: Avoid contact with eyes. May cause eye irritation. If contact with eyes occurs flush with water for 15 minutes and call a physician.

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

INHALATION: Move to fresh air. If not breathing administer artificial respiration, if breathing is difficult give oxygen.

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

ACUTE HEALTH HAZARDS: **Eyes:** redness, tearing, blurred vision. **Skin:** defatting and dermatitis.

Inhalation: Anesthetic, irritation, Central Nervous System depression. **Oral:** abdominal irritation, nausea, vomiting, and diarrhea.

CHRONIC HEALTH HAZARDS: Possible cancer causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.

NOTE TO PHYSICIAN: Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: N/A.

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.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 122°F may cause bursting.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, chlorine, hydrogen chloride and phosgene.

6. ACCIDENTAL RELEASE MEASURES

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

SPILL: Use absorbent on spill, sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

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 solvent likely considered U228 (Trichloroethylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

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7. HANDLING AND STORAGE

HANDLING AND STORAGE: Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

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. Keep out of the reach of children.

INCOMPATIBILITY: Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

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

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, Gloves, and Synthetic apron.

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Property</u>	<u>Value</u>		
Appearance	CLEAR SPRAY/MIST	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	>188°F (87°C)	Color	CLEAR BROWN
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	>3 (FAST)
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	>400	Melting/Freezing Point	NOT AVAILABLE
Odor	CHLORINATED SOLVENT	Odor Threshold	NOT AVAILABLE
Other Information	NOT AVAILABLE	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	MIST/SPRAY
Relative Density	1.365	Solubility (Water)	YES
Vapor Density	>2	Vapor Pressure	59
Viscosity	NOT AVAILABLE	pH	0

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10. STABILITY AND REACTIVITY

REACTIVITY: Chemically active metals and bases.

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures greater than 122°F may cause bursting.

INCOMPATIBILITY: Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon, chlorine, hydrogen chloride and phosgene.

POSSIBLE HAZARDOUS REACTIONS: None Known.

11. TOXOLOGY INFORMATION

TOXICOLOGICAL INFORMATION: Tetrachloroethylene (127-18-4) LD50 (Oral, Rat) 2629 mg/kg; LD50 (Dermal, Rabbit) > 3228 mg/kg; LD50 (IPR, Mouse) 4700 mg/kg; LC50 (Inhalation, Mouse, 4hr) 5200 ppm; LC50 (Inhalation, Rat, 8hr) 34200 mg/m³.

Trichloroethylene (79-01-6) LD50 (Oral, Rat) 5,650 mg/kg; Tumorigen, mutagenic reproductive effects in humans.

ROUTES OF ENTRY: Eyes, ingestion, inhalation, skin.

EYES: Causes severe irritation, redness, tearing, pain, visual disturbance, may cause eye damage.

INGESTION: Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.

INHALATION: Irritation to respiratory tract, dizziness, headache, nausea, depression of central nervous system, prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects, and death.

SKIN: Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.

MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses, or central nervous system.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision.

Skin: Defatting and dermatitis.

Inhalation: Anesthetic, irritation, Central Nervous System depression.

Oral: Abdominal irritation, nausea, vomiting, and diarrhea.

CHRONIC HEALTH HAZARDS: Possible cancer causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.

CARCINOGENICITY: OSHA: Yes **ACGIH: A2** - Suspected **NTP: 2** - Anticipated

IARC: 2A - Probable **OTHER: CA Prop 65**

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12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Established

BIODEGRADABILITY: Component or components of this product are not biodegradable.

BIOACCUMULATION: Components in this mixture can bioaccumulate in aquatic organisms.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: This material is toxic to aquatic life.

13. 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 solvent likely considered U228 (Trichloroethylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.2 (6.1)
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A

AIR SHIPMENT
PROPER SHIPPING NAME: Forbidden by USDOT Regulations.
HAZARD CLASS/DIVISION: N/A
UN/NA NUMBER: N/A

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.2 (6.1)
UN/NA NUMBER: UN 1950
ENVIRONMENTAL HAZARDS WATER: N/A

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15. REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Tetrachloroethylene (127-18-4)

Reportable Quantity = 100 lbs Trichloroethylene (79-01-6) Reportable Quantity = 100 lbs.

SARA 311/312 HAZARD CATEGORIES: Acute Health, Chronic Health.

SARA 313 REPORTABLE INGREDIENTS: Tetrachloroethylene (127-18-4); Trichloroethylene (79-01-6)
STATE REGULATIONS: Tetrachloroethylene (127-18-4) and Trichloroethylene (79-01-6) are known
to the state of California to cause cancer.

Trichloroethylene (79-01-6) Right-to-Know acts for New York, Rhode Island, Pennsylvania, Florida, Minnesota, Massachusetts, Michigan, New Jersey, Tennessee; Spill Reporting for Massachusetts, New Jersey, Louisiana; Connecticut hazardous material survey; Illinois toxic substances disclosure to employee act.

INTERNATIONAL REGULATIONS: Trichloroethylene, CAS 79-01-6, - EC - yes, Japan - yes, Australia - yes, Korea - yes, Canada DSL - yes, Canada NDSL -no, Phillipines - yes.

16. OTHER INFORMATION

HMIS Ratings :

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	C

Disclaimer: This manufacturer believes that the information contained in the Safety Data Sheets is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also the suggestions should not be confused with, nor followed in violation of applicable law, regulations, rules or insurance requirements.

Preparation Revision Date: 1/31/2018