

Safety Data Sheet

1 PRODUCT AND COMPANY IDENTIFICATION

Vendor

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Product Name: DRY SIL-628
Revision Date: 5/29/2015
Version: New

Common Name: Aerosol Lubricant
Product Use: Aerosol Lubricant

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely

Target Organs: Eyes; Respiratory system; Skin;

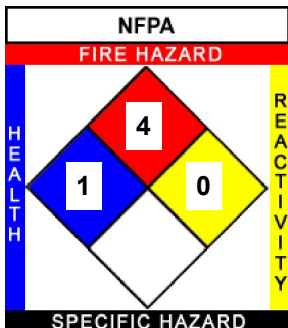
Inhalation: Low to moderate degree of toxicity by inhalation.

Skin Contact: Skin irritant. Contact may cause redness, itching, burning sensation and skin damage. Prolonged or repeated contact can de-fat the skin, causing drying, cracking and possible dermatitis.

Eye Contact: Contact may cause mild eye irritation including stinging, watering and redness.

Ingestion: Low degree of toxicity by ingestion. ASPIRATION HAZARD. This material can get into the lungs during swallowing or vomiting and cause lung inflammation or damage.

NFPA: Health = 1, Fire = 4, Reactivity = 0
HMIS III: H1/F4/PH0



HMIS III		
HEALTH	☐	1
FLAMMABILITY		4
PHYSICAL HAZARDS		0
PERSONAL PROTECTION B Safety Glasses, Gloves		

LISTED CARCINOGENS: OSHA - Not listed IARC - Not listed NTP - Not listed

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas # | Percentage | Chemical Name

67-64-1	30-40%	2-Propanone
142-82-5	25-35%	Heptane
74-98-6	5-15%	Propane
106-97-8	15-25%	n-Butane
63148-62-9	<5%	Siloxanes and Silicones, di-Me

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin Contact: Remove contaminated clothing and shoes and flush affected areas with large amounts of water. If skin surface is not damaged, wash with soap and water. Get medical attention.

Eye Contact: If irritation or redness develops from exposure, flush eyes with clean water. Get medical attention if irritation persists.

Ingestion: Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT induce. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

5 FIRE FIGHTING MEASURES

Flammability: Extremely flammable

Flash Point: -156°F (-104.4°C) (propellant) -4°F (-20°C)

Flash Point Method: Estimated

Burning Rate: Not available.

Autoignition Temp: Not available.

LEL: Not available.

UEL: Not available.

Means of Extinguishment:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

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ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

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HANDLING AND STORAGE

Handling Precautions:	HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container. Vapors can cause flash fires.
Storage Requirements:	Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Store in accordance with NFPA 30B for LEVEL 3 AEROSOL.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Maintain adequate ventilation.
Personal Protective Equip:	HMIS PP, B Safety Glasses, Gloves

INGREDIENTS	OSHA-PEL	EXPOSURE LIMITS	
		ACGIH-TLV	OTHER
2-Propanone	1000 ppm	500 ppm 750 ppm STEL	
Heptane	500 ppm	400 ppm	
Propane	Unknown	1000 ppm	
n-Butane	Unknown	800 ppm	
Siloxanes and Silicones, di-Me	-----	-----	

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Water white clear liquid	Odor:	solvent odor
Physical State:	Mixture packaged in pressurized aerosol sp	Solubility:	Insoluble in water
Spec Grav./Density:	0.750 - 0.800g/ml	Flash Point:	-156°F (-104.4°C) (propellant) -4°F (-20°C)
Boiling Point:	>100°F	VOC:	59.5%
Flammability:	Extremely flammable		
Vapor Pressure:	No Data		
pH:	N/A		
Evap. Rate:	>1.00		

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STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Heat, sparks, open flames and temperatures above 120°F
Materials to Avoid:	Avoid contact with strong oxidizers
Hazardous Decomposition:	CO, CO ₂ , and hydrocarbons.
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

No product toxicological information is available.

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ECOLOGICAL INFORMATION

No product ecological information is available.

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DISPOSAL CONSIDERATIONS

Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, weather special waste regulations apply.

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TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1

UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, corrosive, Packing Group II or III, (each not exceeding 1 L capacity) or Aerosols, flammable (each not exceeding 1 L capacity) or Aerosols, flammable, n.o.s. (engine starting fluid) (each not exceeding 1 L capacity) or Aerosols, nonflammable (each not exceeding 1 L capacity) or Aerosols, poison, each not exceeding 1 L capacity

COMPONENT / (CAS/PERC) / CODES

*2-Propanone (67641 30-40%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

*Heptane (142825 25-35%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Propane (74986 5-15%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*n-Butane (106978 15-25%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*Siloxanes and Silicones, di-Me (63148629 <5%) TSCA

REGULATORY KEY DESCRIPTIONS

 CERCLA = Superfund clean up substance
 HAP = Hazardous Air Pollutants
 MASS = MA Massachusetts Hazardous Substances List
 NJHS = NJ Right-to-Know Hazardous Substances
 OSHAWAC = OSHA Workplace Air Contaminants
 PA = PA Right-To-Know List of Hazardous Substances
 SARA313 = SARA 313 Title III Toxic Chemicals
 TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
 TSCA = Toxic Substances Control Act
 TXAIR = TX Air Contaminants with Health Effects Screening Level
 TXHWL = TX Hazardous Waste List

Proposition 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

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