



3325 ST. CL AIR AVE./CLEVELAND, OHIO 44114/(216) 861-6363

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

Name: DRY GRAPHITE Product No. 10701

Type: An aerosol graphite lubricant

D.O.T. Shipping Name: Consumer Commodity D.O.T. ID No: N/A
D.O.T. Hazard Class: ORM-D D.O.T. Label: None Required

II. HAZARDOUS INGREDIENTS

Material	Weight %	TLV
Isopropanol (CAS #67-63-0)	< 30%	400 ppm
Propane (CAS #74-98-6)	< 12%	1000 ppm
Isobutane (CAS #75-28-5)	< 12%	1000 ppm
Hexane (CAS #110-54-3)	< 50%	50 ppm

No NTP,IARC, or OSHA carcinogens present at greater than 0.1%

III. PHYSICAL DATA

Boiling Point(F°): N/A

Specific Gravity(Water=1): N/A

Volatile By Weight(%): > 90%

Weight Per Gallon(pounds): N/A

Solubility in Water: NEGLIGIBLE

pH: N/A

Appearance & Odor: A black aerosol spray with a solvent odor.

IV. FIRE & HAZARD DATA

Flashpoint (Method Used): Propellant has flashpoint less than 20°F. No flashpoint by T.O.C. for concentrate. Positive flame extension.

Extinguishing Media: Carbon dioxide, foam, dry chemical or water fog.

Special Fire Fighting Procedures: Keep containers cool. Use shielding to protect personnel from venting, rupturing or bursting containers.

Unusual Fire & Explosion Hazards: Exposure to temperatures above 120°F may cause cans to vent, rupture or burst.

Extremely flammable.

V. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Direct contact with eyes or skin may result in irritation. Overexposure to vapors can result in dizziness, headache or nausea. Deliberate inhalation of vapors can be harmful or fatal.

CHRONIC EFFECTS: Solvents can cause permanent brain and nervous system damage. Also could cause liver and kidney disease.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Hexane may damage peripheral nerve tissue (that of the arms and legs) and result in muscular weakness and loss of sensation in extremities (peripheral neuropathy).

FIRST AID PROCEDURES:

If Swallowed: Do not induce vomiting. Contact a physician immediately.

If Inhaled: Remove person to fresh air. If difficulty in breathing or irritation persists, consult a physician.

If in Eyes: Flush eyes immediately with plenty of cool water for at least 15 minutes. If irritation persists, consult a physician. Do not wear contact lenses while using this product.

If on Skin: Wash thoroughly with soap and water. If irritation develops, consult a physician.

VI. REACTIVITY DATA

Stability: STABLE

Conditions to avoid: Exposure to temperatures above 120°F

Incompatibility(Materials to avoid): None known

Hazardous Decomposition Products: Burning of this product may result in the formation of Carbon monoxide and Carbon dioxide.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken If Material Is Released Or Spilled: Remove sources of heat, sparks or flame. Ventilate area of the spill. Absorb on oil absorbent. Flush residue with water.

Waste Disposal Method: Do not puncture or incinerate cans. Give cans to a disposal service equipped to properly dispose of pressurized containers.

Follow All Federal, State and Local Regulations Regarding Waste Disposal.

VIII. SPECIAL PROTECTION INFORMATION

Eye protection and protective gloves are recommended any time you work with any concentrated industrial strength products.

Respiratory Protection: If TLV is exceeded, wear NIOSH approved respirator fitted with organic vapor cartridges.

Ventilation: Use with adequate ventilation.

Protective Gloves: VITON

Eye Protection: Safety Glasses

Other Protective Equipment: NONE

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken in Handling And Storage: DANGER: Extremely flammable. Content under pressure. Do not spray near sparks, heat or open flames. Do not store in direct sunlight or where temperatures may exceed 120°F. Use with adequate ventilation. Do not puncture or incinerate cans.

OTHER PRECAUTIONS:

HMIS/NFPA RATINGS: Health 2 Flammability 4
Reactivity 0 Personal Protection D

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only.

NOT FOR HOUSEHOLD USE OR RESALE KEEP OUT OF THE REACH OF CHILDREN

While we believe that the data contained herein is factual and the opinion expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION
(216) 861-7114

AUGUST 1991