



Dynaflux SDS 731LE 04/01/14

Safety Data Sheet

Product: Lincoln Electric Nozzle Gel KH507

Part 1: Identification of the Substance/Mixture and of the Company/Undertaking.

Identification 731LE

Product Use Description: Protects against weld spatter build up on M.I.G. gun nozzles and welding components.

Trade Name: Lincoln Electric Nozzle Gel KH507

Manufacturers Name: Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A. Phone: +1(770)382-8843

Manufactured for: The Lincoln Electric Company

22801 St. Clair Ave.

Cleveland, OH 44117

Phone: +1(216)481-8100

Emergency Telephone Number: For U.S.: 800-255-3924 International: 813-248-0585

Part 2: Hazards Identification

Symbol: None

Signal Word: None

Emergency Overview

No Hazardous ingredients as defined by OSHA 29 CFR 1910.1200 or Canadian Hazardous Products Act (Bill C70) .

Appearance: gel; blue in color

Toxicological Data on Ingredients: Petrolatum, white LD50: Not Available LC50: Not Available.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, Skin contact, Eye contact, Ingestion

Eye contact

Can cause mild eye irritation.

Skin contact

May cause mild skin irritation.

Ingestion

No not ingest. This material is inert and non-toxic.

Inhalation

Inhalation is unlikely at ambient temperatures and is not expected to present an inhalation hazard. Caution should be taken to prevent aerosolization or misting of this product.

Potential Acute Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Continued

Part 3: Composition / Information on Ingredients

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>% by weight</u>
Petrolatum, white	8009-03-8	<=100%

Part 4: First Aid Measures

Eyes

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Part 5: Fire Fighting Measures

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Point: CLOSED CUP: 185°C (365°F).

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Slight flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder or CO₂. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

Special Remarks on Explosion Hazards: None

Part 6: Accidental Release Measures

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Use tools to put the spilled solid in a disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Methods for cleaning up

Keep in suitable, closed containers for disposal. Use shovel to put the material into disposal container.

Other Information

Comply with all applicable federal, state and local regulations.

Part 7: Handling and Storage

Precautions

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material.

Storage

Keep container tightly closed. Store in a cool, dry, ventilated area.

Part 8: Exposure Controls / Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection

Safety glasses. Lab coat, dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves

Personal Protection in Case of Large Spill

Wear appropriate chemical impervious clothing and boots whenever there is potential for skin contact with product. Launder clothing before reuse. Splash goggles. Full suit. Dust Respirator. Gloves.

Exposure Limits

Not Available

Part 9: Physical and Chemical Properties

Physical State :	Semi-solid
Odor and Appearance:	Blue; odorless
Specific Gravity (H2O=1):	0.82 - 0.865 @ 25°C.
pH:	Not Available
Boiling Point:	Not Available
Melting Point:	38°C (100.4°F)
Vapor Pressure:	Not applicable
Vapor Density:	Not Available
Volatility:	Not Available
Odor Threshold:	Not Available
Solubility:	Soluble in diethyl ether. Insoluble in cold water, hot water.
VOC's	0%

Part 10: Stability and Reactivity

Stability

Stable

Conditions to avoid

Excessive heat, incompatible materials.

Incompatible products

Oxidizing agents

Polymerization

Will not occur.

Part 11. Toxicological Information

Routes of Entry: Ingestion

Toxicity to Animals: LD50: Not Available. LC50: Not Available.

Chronic Effect on Humans: Not Available.

Other Toxic Effects on Humans: slight hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Part 12. Ecological Information

Environmental Effects: This product has not been tested for environmental effects.

Important Environmental Characteristics: Not Available.

Aquatic Toxicity: Not Available.

Part 13. Disposal Considerations

Waste disposal methods

If containers are to be disposed of follow local, state and federal laws for proper disposal.

Part 14. Transport Information

DOT HM-181 Shipping Information

Proper Shipping Name: None

Hazardous Class or Division: None

UN Number: None

Packaging Group: None

Label(s) Required: None

U. S. Department of Transportation (DOT)

Highway/Rail (Bulk): Not regulated

Highway/Rail (Non-Bulk): Not regulated

International Information

Vessel (IMDG): Not regulated

Part 15. Regulatory Information

Federal and State Regulations: TSCA 8(b) Inventory: Petrolatum, white. Components of this material comply with US TSCA requirements.

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

WHMIS: (Canada): Not controlled under WHMIS.

HMIS (U.S.A.)

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific Hazard:

Part 15 Continued:**CERCLA/SARA- Section 302 Extremely Hazardous Substances and TPQs (in pounds):**

This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372.

CERCLA/SARA-Section 311/312 (Title III Hazard Categories)

Acute Health: No

Chronic Health: No

Fire Hazard: No

Pressure Hazard: No

Reactive Hazard: No

CERCLA/SARA-Section 313 and 40 CFR 372:

This material does not contain any chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

California Proposition 65: This material does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm.

Part 16. Other Information

Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120

Prepared by: E. Schaffstall

Disclaimer of Expressed and implied Warranties:

The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date of the Safety Data sheet was prepared. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices as specified on the label copy.