



## Safety Data Sheet

Product: Nozzle Gel Petrolatum Formula

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

Identification 2-2700

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

Trade Name: Nozzle Gel Petrolatum Formula

Manufacturers Name: KT Industries

3112 Northwest Blvd.

Sheldon, IA 51201 U.S.A.

Emergency Telephone Number: For U.S.: 712-324-5361

### 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.

### Part 3: Composition / Information on Ingredients

<b>Hazardous Components</b>	<b>CAS No.</b>	<b>% by weight</b>
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 CO<sub>2</sub>. 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

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

KT Industries  
3112 Northwest Blvd.  
Sheldon, IA 51201

**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 I 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.