



# Safety Data Sheet

## Bestwelds Nozzle Dip Gel

### SECTION 1: IDENTIFICATION

**Trade Name** Bestwelds Nozzle Dip Gel, Anchor Nozzle Dip Gel, Eagle Nozzle Dip Gel  
**Product Number** 905-NOZZLE-DIP-16OZ, ORS-108-1, ORS-108-9

**Relevant Identified Uses of the Substance or Mixture and Uses Advised Against Product Use:** Welding Process Aid

#### Details of the Supplier of the Safety Data Sheet

**Manufacturer:** Weld-Aid Products  
14650 Dequindre  
Detroit , Michigan  
**Information Phone Number:** +1 (313) 883-6977  
+1 (313) 883-4930  
**E-mail** info@weldaid.com

**Emergency Telephone Number**  
**Emergency Spill Information** +1 (800) 255-3924

**SDS Date of Preparation:** April 16, 2014

### SECTION 2: HAZARDS IDENTIFICATION

**US OSHA Classification (29CFR1910.1200):** Not classified as hazardous

**Label Elements:** None required

**Other Hazards:** None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS# /	%
Petrolatum	8009-03-8	90-100

See Section 16 for further information on EU and GHS Classification.

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**Eye:** Rinse thoroughly with water, holding the eye lids open to be sure the material is washed out. Get medical attention if irritation persists.

**Skin:** Wash with soap and water. If skin irritation develops, seek medical attention.

**Inhalation:** No first aid should be needed. If irritation develops, move to fresh air. Seek medical attention if irritation or other symptoms persist.

**Ingestion:** Rinse mouth with water. Seek medical attention.

**Most Important symptoms and effects, both acute and delayed:** May cause mild eye irritation. Prolonged skin contact may cause irritation or drying of the skin.

**Indication of any immediate medical attention and special treatment needed:** None required.

### SECTION 5: FIRE FIGHTING MEASURES

#### Extinguishing Media:

Use foam, dry chemical or carbon dioxide. Do not use a water jet. Product may float on the water and spread the fire.

#### Special Hazards Arising from the Substance or Mixture

**Unusual Fire and Explosion Hazards:** Heated material may release flammable vapors.

**Hazardous Decomposition Products:** Combustion may produce carbon monoxide and carbon dioxide

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**Advice for Fire-Fighters:**

Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces. Cool fire exposed containers with water.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear appropriate eye protection and gloves.

**Environmental Precautions:**

Avoid release to the environment. Report spill as required by local and federal regulations.

**Methods and Material for Containment and Cleaning Up:**

Collect with an inert material and place in an appropriate container for disposal. Wash spill site with soap and water.

**Reference to Other Sections:**

Refer to Section 8 for protective equipment and Section 15 for disposal considerations.

### SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:**

Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling.

**Conditions for Safe Storage, Including any Incompatibilities**

Store in a cool, dry location. Store in original container.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Petrolatum	None Established

**Exposure Controls:**

**Engineering Controls:** Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If exposures are excessive increased mechanical ventilation such as local exhaust may be required.

**Respiratory Protection:** None required for normal use. If exposures are excessive, a NIOSH approved respirator with organic vapor cartridges and a particulate pre-filter may be used. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Skin Protection:** Impervious gloves are recommended if needed to avoid prolonged or repeated contact. Suggested materials for protective gloves include: Rubber.

**Eye Protection:** Chemical safety glasses recommended if contact is possible. Follow facility requirements.

**Other:** Impervious clothing as needed to prevent prolonged skin contact.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Blue waxy solid	<b>Vapor Density:</b> Not available
<b>Odor:</b> Hydrocarbon odor.	<b>Specific Gravity:</b> 0.87-0.88
<b>Odor Threshold:</b> Not available	<b>Water Solubility:</b> Insoluble
<b>pH:</b> Not available	<b>Octanol/Water Partition Coefficient:</b> Not available
<b>Melting Point/Freezing Point:</b> 140°F / 60°C	<b>Autoignition Temperature:</b> >554°F / >290°C
<b>Boiling Point:</b> 575.6°F / 302°C	<b>Decomposition Temperature:</b> None
<b>Flash Point:</b> 359.6-429.8°F / 182-221°C	<b>Viscosity:</b> >25 cST @40°C
<b>Evaporation Rate:</b> Not available	<b>Explosion Properties:</b> Not explosive
<b>Flammable Limits:</b> LEL: 0.9% UEL: 7%	<b>Oxidizing Properties:</b> Not oxidizing
<b>Vapor Pressure</b> <0.01 mmHg	

**Other Information:**

None

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### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:**

Not reactive under normal conditions of use.

**Chemical Stability:**

Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:**

None known.

**Conditions to Avoid:**

Avoid from freezing to protect product quality.

**Incompatible Materials:**

None known.

**Hazardous Decomposition Products:**

Thermal decomposition may produce carbon monoxide and carbon dioxide.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Information on Toxicological Effects:**

**Eye:** May cause mild irritation with redness and tearing.

**Skin:** Prolonged skin contact may cause irritation and drying of the skin.

**Inhalation:** No adverse effects are expected under normal conditions of use. High vapor concentrations from heated material may cause upper respiratory tract irritation.

**Ingestion:** Swallowing may cause gastrointestinal irritation and nausea.

**Acute Toxicity Values:**

Petrolatum: Oral rat LD50 >5000 mg/kg; Dermal rabbit LD50 >2000 mg/kg (structurally similar chemicals)

**Irritation:** Petrolatum is not irritating to skin or eyes based on data of a structurally similar chemicals.

**Corrosivity:** This is not a corrosive product.

**Sensitization:** Petrolatum was not sensitizing in a Buehler test with guinea pigs.

**Repeat Dose Toxicity:** In a two year oral study with rats, no treatment related effects were seen throughout the study. NOAEL 5000 mg/kg.

**Carcinogen Status:** None of the components are listed as a carcinogen by IARC, NTP, ACGIH, OSHA or EU Substances Directive.

**Germ Cell Mutagenicity:** This product is not expected to cause mutagenic activity.

**Toxicity for Reproduction:** No data available. This product is not expected to cause adverse reproductive effects.

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:**

Petroleum: 96 hr Pimephales promelas LD50 >100 mg/kg; 48 hr EC50 daphnia magna >10000 mg/L (structurally similar chemicals)

**Persistence and Degradability:**

Petrolatum is inherently biodegradable based on structurally similar chemicals.

**Bioaccumulative Potential::**

No data available.

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**Mobility in Soil:**

No data available.

**Other Adverse Effects:**

None known.

### SECTION 13: DISPOSAL INFORMATION

**Waste Treatment Methods**

Dispose in accordance with local and national environmental regulations.

### SECTION 14: TRANSPORT INFORMATION

	41.1 UN Number	41.2 UN Proper Shipping Name	14.3 Transport Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
<b>US DOT</b>		Not Regulated			
<b>EU ADR/RID</b>		Not Regulated			
<b>IMDG</b>		Not Regulated			

**Special Precautions for User:**

None

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:**

Not applicable – product is transported only in packaged form.

### SECTION 15: REGULATORY INFORMATION

**Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:****International Inventories:**

**US EPA TSCA Inventory:** All of the components are listed on the TSCA inventory.

**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian Domestic Substances List.

**European Union:** All of the components of this product are listed on the European Inventory of New and Existing Chemical Substances (EINECS) inventory.

**Australia:** All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

**China:** All of the ingredients of this product are listed on the Inventory of Existing Chemical Substance in China (IECSC).

**Korea:** All of the components of this product are listed on the Korean Existing Chemical List (KECL).

**New Zealand:** All of the components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC).

**Philippines:** All of the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).

**Taiwan:** All of the components of this product are listed on Taiwan's New and Existing Chemical Inventory (NECI).

**U.S. REGULATIONS**

**CERCLA:** This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.

**EPA SARA 311 Hazard Classification:** Not Hazardous

**EPA SARA 313:** This product contains the following chemicals that are regulated under SARA Title III, section 313:  
None

**California Proposition 65:** This product contains the following chemicals which are known to the State of California to cause cancer, reproductive toxicity or birth defects: None

**INTERNATIONAL REGULATIONS**

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**WHMIS Classification:** Not a controlled product

<b>SECTION 16: OTHER INFORMATION</b>
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**SDS Revision History:**

4/16/14: New SDS

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This sheet was compiled from the latest available information and reliable sources. Procedures are based on accepted usage. They are not necessarily all-inclusive and may vary in every circumstance. Weld-Aid provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data herein.