



## SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

### Section 1: Product and Company Identification

|                         |                                                                      |
|-------------------------|----------------------------------------------------------------------|
| Product Name:           | <b>Radnor Anti-Spatter Premium Water Base (Bulk)</b>                 |
| Product Identifier:     | Anti-Spatter                                                         |
| Product Use:            | Prevents Spatter Build Up in Welding Operations                      |
| Item Code(s):           | 64000113, 64000115, 64000117                                         |
| SDS Code:               | 038R                                                                 |
| Supplier:               | Radnor                                                               |
| Physical Address:       | 259 North Radnor - Chester Road - Suite 100<br>Radnor, PA 19087-5283 |
| Emergency Phone:        | 866-734-3438                                                         |
| Date of Preparation:    | March 18, 2019                                                       |
| OSHA Regulatory Status: | Not Regulated                                                        |
| WHMIS Classification:   | Not Regulated                                                        |

### Section 2: Hazard Identification

#### EMERGENCY OVERVIEW

THIS MATERIAL IS SUBJECT TO NO HAZARDOUS DECOMPOSITION OR HAZARDOUS POLYMERIZATION.  
STORE ABOVE FREEZING TEMPERATURES DUE TO HIGH WATER CONTENT.

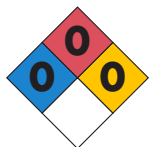
GHS LABEL ELEMENTS: The product is classified and labeled according to the Globally Harmonized System (GHS).  
CLASSIFICATION OF SUBSTANCE OR MIXTURE:



GHS08 Health Hazard

Carcinogenicity - Category 2 H351 Suspected of causing cancer

SUGGESTED NATIONAL FIRE PROTECTION ASSOCIATION:



Health | 0 | Flammability | 0 | Reactivity | 0 |

SIGNAL WORD: Warning

HAZARD STATEMENTS: Suspected of causing cancer.

PRECAUTIONARY STATEMENTS: Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. IF exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

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### Section 3: Composition and Information on Ingredients

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| HAZARDOUS INGREDIENTS    | CAS #       | OSHA PEL | ACGIH TLV | LD50 (oral, rat) | LC50 (inhal, rat) | %          | OTHER |
|--------------------------|-------------|----------|-----------|------------------|-------------------|------------|-------|
| Nonylphenol, ethoxylated | 127087-87-0 |          |           |                  |                   | 0.1-1% w/w |       |
| 2,2'-iminodiethanol      | 111-42-2    |          |           |                  |                   | 0.1-1% w/w |       |

Exact concentrations and/or compositions are being withheld as trade secrets. See Section 16 for Definitions of Terms Used.

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### Section 4: First Aid Measures

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INHALATION: Supply fresh air; consult doctor in case of complaints.

INGESTION: If symptoms persist consult doctor.

EYE CONTACT: Rinse opened eye for several minutes under running water.

SKIN CONTACT: Immediately rinse with water.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

No further relevant information available.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No further relevant information available.

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### Section 5: Fire Fighting Measures

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CONDITIONS OF FLAMMABILITY: N/Av

MEANS OF EXTINCTION: CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

SPECIAL FIRE FIGHTING PROCEDURES: N/Av

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/Av

FLASH POINT / DETERMINATION: N/Av

UPPER FLAMMABLE LIMIT: N/Av

LOWER FLAMMABLE LIMIT: N/Av

AUTO-IGNITION TEMPERATURE: N/Av

HAZARDOUS COMBUSTION PRODUCTS: N/Av

EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: N/Av

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: N/Av

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### Section 6: Accidental Release Measures

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LEAK / SPILL RESPONSE: Dilute with plenty of water. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). No dangerous substances are released.

SPECIAL INSTRUCTIONS:

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### Section 7: Handling and Storage

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HANDLING PROCEDURES / EQUIPMENT: No special measures required.

STORAGE REQUIREMENTS: No special measures required.

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### Section 8: Exposure Controls / Personal Protection

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EYE PROTECTION: Goggles recommended during refilling.

SKIN PROTECTION: Protective gloves not normally required. People with sensitive skin may prefer to wear water-proof gloves, such as rubber or neoprene, to avoid skin contact.

ENGINEERING CONTROLS:

EXPOSURE GUIDELINE LEVELS:

**Components with limit values that require monitoring at the workplace:**

**111-42-2 2,2'-iminodiethanol**

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|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| EL (Canada) Long-term value: | 2 mg/m <sup>3</sup><br>Skin, IARC 2B                                   |
| EV (Canada) Long-term value: | 2 mg/m <sup>3</sup>                                                    |
| REL (USA) Long-term value:   | 15 mg/m <sup>3</sup> , 3 ppm                                           |
| TLV (USA) Long-term value:   | 1* mg/m <sup>3</sup> , 0.2* ppm<br>Skin; *inhalable fraction and vapor |

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**Section 9: Physical and Chemical Properties**

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|                                         |                                    |
|-----------------------------------------|------------------------------------|
| PHYSICAL STATE:                         | Liquid                             |
| ODOR and APPEARANCE:                    | Light beige liquid with mild odor. |
| ODOR THRESHOLD:                         | N/Av                               |
| SPECIFIC GRAVITY (H <sub>2</sub> O=1):  | N/Av                               |
| VAPOR PRESSURE (20°C):                  | 23 hPa                             |
| VAPOR DENSITY at 20°C (AIR=1):          | .610                               |
| EVAPORATION RATE at 20°C (BA=1):        | 1                                  |
| MELTING POINT:                          | 0°C                                |
| BOILING POINT:                          | 100°C                              |
| FREEZE POINT:                           | N/Av                               |
| pH:                                     | 7                                  |
| COEFFICIENT OF WATER/OIL DISTRIBUTION:  | N/Av                               |
| DENSITY at 20°C:                        | 1 g/cm <sup>3</sup>                |
| SOLUBILITY IN / MISCIBILITY WITH WATER: | Fully miscible                     |
| % VOLATILE BY VOLUME:                   | N/Av                               |
| ORGANIC SOLVENTS:                       | 1.0%                               |
| VOC'S:                                  | 1.0% (45.5 g/l / 0.38 lb/gl)       |

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**Section 10: Stability and Reactivity**

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THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED: No decomposition if used according to specifications.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.

CONDITIONS TO AVOID: No further relevant information available.

INCOMPATIBLE MATERIALS: No further relevant information available.

HAZARDOUS DECOMPOSITION PRODUCTS: No dangerous decomposition products known.

HAZARDOUS POLYMERIZATION: N/Av

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**Section 11: Toxicological Information**

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INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:

PRIMARY IRRITANT EFFECT ON THE SKIN: No irritant effect.

PRIMARY IRRITANT EFFECT ON THE EYE: No irritating effect.

SENSITIZATION: No sensitizing effects known.

ADDITIONAL TOXICOLOGICAL INFORMATION:

The product is not subject to classification according to internally approved calculation methods for preparations:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**CARCINOGENIC CATEGORIES**

**IARC (International Agency for Research on Cancer)**

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102-71-6      2,2',2'' nitrilotriethanol 3

111-42-2      2,2' iminodiethanol 2B

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**NTP (National Toxicology Program)**

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None of the ingredients is listed.

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## Section 12: Ecological Information

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ENVIRONMENTAL EFFECTS: This product has not been tested for environmental effects.

IMPORTANT ENVIRONMENTAL CHARACTERISTICS: N/Av

AQUATIC TOXICITY: N/Av

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## Section 13: Disposal Considerations

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WASTE TREATMENT METHODS: Smaller quantities can be disposed of with household waste.

UNCLEANED PACKAGINGS: Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

RECOMMENDED CLEANSING AGENT: Water, if necessary with cleansing agents.

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## Section 14: Transportation Information

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THIS MATERIAL IS **HAZARDOUS** (Per 49 CFR 172.101) BY THE U.S. DEPARTMENT OF TRANSPORTATION.

### NON-BULK SHIPMENTS:

|                                                              |                   |
|--------------------------------------------------------------|-------------------|
| PROPER SHIPPING NAME:                                        | Welding Compounds |
| HAZARD CLASS NUMBER and DESCRIPTION:                         | N/AP              |
| UN IDENTIFICATION NUMBER:                                    | N/AP              |
| PACKING GROUP:                                               | N/AP              |
| DOT LABEL(S) REQUIRED:                                       | N/AP              |
| NORTH AMERICAN EMERGENCY RESPONSE<br>GUIDEBOOK NUMBER, 1996: |                   |

### BULK SHIPMENTS:

|                                                              |                   |
|--------------------------------------------------------------|-------------------|
| PROPER SHIPPING NAME:                                        | Welding Compounds |
| HAZARD CLASS NUMBER and DESCRIPTION:                         | N/AP              |
| UN IDENTIFICATION NUMBER:                                    | N/AP              |
| PACKING GROUP:                                               | N/AP              |
| DOT LABEL(S) REQUIRED:                                       | N/AP              |
| NORTH AMERICAN EMERGENCY RESPONSE<br>GUIDEBOOK NUMBER, 1996: |                   |

### BOTH SHIPMENTS:

MARINE POLLUTANT: This product does not contain any component designated by the DOT to be a Marine Pollutant (49 CFR 172.101, Appendix B).

TRANSPORT CANADA TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

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## Section 15: Regulatory Information

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**TOXIC SUBSTANCES CONTROL ACT (TSCA):** The product on this SDS, or all of its components, is listed under TSCA.

**SARA TITLE III, SECTION 313:** The following ingredients are subject to the reporting requirements of Section 313 of Title III of the Superfund and Reauthorization Act of 1986 and 40 CFR Part 372:

2,2'-iminodiethanol (CAS# 111-42-2)

**CLEAN AIR ACT (CAA):** The following ingredients appear on the List of Hazardous Air Pollutants (HAP - 42 USC 7412, Title I, Part A, p112): None

**CLEAN WATER ACT (CWA):** The following ingredients appear on the CWA List of Hazardous Substances (40 CFR 116.4): None

**CALIFORNIA PROPOSITION 65:** The following ingredients appear of the Proposition 65 list(s):

2,2'-iminodiethanol (CAS# 111-42-2)

**NEW JERSEY RIGHT TO KNOW INFORMATION:** (5 most predominant ingredients / hazardous & non-hazardous)

nonylphenol, ethoxylated (CAS# 127087-87-0)

soya lecithin (CAS# 8002-43-5)

2,2'-iminodiethanol (CAS# 111-42-2)

**CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS):** This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

**CANADIAN INGREDIENT DISCLOSURE LIST (LIMIT 0.1%):**

None of the ingredients is listed.

**CANADIAN INGREDIENT DISCLOSURE LIST (LIMIT 1%):**

None of the ingredients is listed.

**DOMESTIC SUBSTANCES LIST (DSL):** The product on this SDS, or all of its components, is included in the DSL.

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## Section 16: Other Information

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|         |                                                           |
|---------|-----------------------------------------------------------|
| N/E     | Not Established                                           |
| N/Av    | Not Available                                             |
| N/Ap    | Not Applicable                                            |
| IARC    | International Agency for Research on Cancer               |
| ACGIH   | American Conference of Governmental Industrial Hygienists |
| NIOSH   | National Institute for Occupational Health and Safety     |
| TLV-TWA | Threshold Limit, Time Weighted Average                    |
| NAERG   | North American Emergency Response Guidebook               |
| WHMIS   | Workplace Hazardous Materials Information System          |

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This SDS format meets ANSI Z400.1-1998, OSHA 1910.1200 and WHMIS requirements. KCI provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Product use and conditions of use are beyond the control of KCI. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, expressed or implied, are made.