

**OSHA-174**

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200 Standard must be consulted for specific requirements.

**SECTION 1: IDENTIFICATION**

**MANUFACTURED BY:** United Asphalt Company  
 Address:

Emergency Phone Number: (800) 424-9300  
 Telephone No. for Info: (954) 893-0044

**Product Name:** Del-Val 91 Roof Cleaner & Degreaser  
 Prepared Date: March 8, 2024

**SECTION 2: HAZARD(S) IDENTIFICATION**

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

Causes eye irritation.


**PRECAUTIONARY STATEMENTS**

WASH HANDS THOROUGHLY AFTER HANDLING.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists get medical attention.

**Storage:** No other specific measures identified.

**Disposal:** See section 13 for waste disposal information.

**Other hazards:** None known.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

| CHEMICAL NAME (CAS #)   | %  | PEL | TLV | STEL |
|---|----|-----|-----|------|
| Sodium Hydroxide<br>(CAS # 1310-73-2)                                       | <1 | N/E | N/E | N/E  |
| Sodium Metasilicate<br>(CAS # 6834-92-0)                                    | <5 | N/E | N/E | N/E  |
| Bis – (2-Hydroxyethyl<br>Isodecyloxypropylamine Oxide<br>(CAS # 68478-549-) | <4 | N/E | N/E | N/E  |
| Nonylphenol Ethoxylate<br>(CAS # 9016-45-9)                                 | <4 | N/E | N/E | N/E  |
| Ethylene Diamine Tetra Acetic Acid<br>(CAS # 023411-34-9)                   | <6 | N/E | N/E | N/E  |

## **SECTION 4: FIRST AID MEASURES**

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**Routes of Entry:** Inhalation, Skin, Eyes

**Health Hazards (Acute or Chronic):**

**Signs and Symptoms of Exposure:** **SKIN:** Prolong contact may cause defatting and drying.  
**INGESTION:** May cause gastro intestinal discomfort. **EYES:** Stinging and burning. **INHALATION:** Unlikely.

**Medical Conditions Generally Aggravated By Exposure:** N/A

### **EMERGENCY & FIRST AID PROCEDURES:**

**SKIN:** Remove contaminated clothing and shoes. Immediately wash affected area thoroughly with soap and water. If irritation or blistering is apparent, get medical aid.

**EYES:** Immediately flush with water for at least 15 minutes. Get medical aid.

**INGESTION:** Do not induce vomiting. Get medical attention.

**INHALATION:** Not Likely.

**Conditions aggravated by exposure:** Skin, Ingestion and Eyes.

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## **SECTION 5: FIRE-FIGHTING MEASURES**

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**Flash Point:** None

**Flammability Limits:** N/A

**Extinguishing media:** The organic portion of this product will char.

**Upper:**      **Lower:**

**Special Fire-fighting Procedure:** None

**Unusual Fire/Explosion Hazard:** None

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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Steps to be taken incase material is released or spilled.

Contain the spill and recover the product. Small amounts may be flushed into the municipal sewage system. Waste Disposal Method: Follow local, State and Federal guidelines.

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## **SECTION 7: HANDLING & STORAGE**

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**Precautions to be taken in handling and storing:** Do not store close to oxidizers. Keep container closed. **Other precautions:** KEEP OUT OF REACH OF CHILDREN. For sale to, use and storage by service personnel only. **Respiratory Protections:** Not necessary

**Ventilation:** Local Exhaust

**Protective Gloves:** Chemical Resistant

**Eye Protection:** Use splash goggles, if necessary.

**Other Protective clothing or equipment:** Avoid excessive skin contact.

**Work / Hygienic practices:** Maintain good sanitary and personal hygiene practices.

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**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

|                                    |     |     |     |
|------------------------------------|-----|-----|-----|
| Sodium Hydroxide                   | N/A | N/A | N/A |
| Sodium Metasilicate                | N/A | N/A | N/A |
| BIS – 2-Hydroxyethyl               |     |     |     |
| Isodecyloxypropylamine Oxide       | N/A | N/A | N/A |
| Nonylphenol Ethoxylate             | N/A | N/A | N/A |
| Ethylene diamine tetra acetic acid | N/A | N/A | N/A |

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

|  |   |
|--|---|
| <b>Boiling Point:</b> 212°F                            | Specific Gravity (H <sub>2</sub> O = 1) 1.156 |
| <b>Vapor Pressure (mm Hg):</b> Not Est.                | <b>Melting Point:</b>                         |
| <b>Vapor Density (air = 1):</b> Not Est.               | Evaporation Rate (butyl acetate = 1) Not Est. |
| <b>Solubility in water:</b> Complete                   | <b>% Volatile by volume:</b> 95%              |
| <b>Appearance and Odor:</b> Rose color with light odor | <b>pH:</b> 10.0-11.0                          |

**SECTION 10: STABILITY & REACTIVITY**

|   |                                  |
|---|----------------------------------|
| <b>Stability:</b> Stable                        | <b>Conditions to avoid:</b> None |
| <b>Incompatibility:</b> Acids                   |                                  |
| <b>Hazardous Decomposition:</b> None            |                                  |
| <b>Hazardous Polymerization:</b> Will not occur | <b>Conditions to avoid:</b> None |

**SECTION 11: TOXICOLOGICAL INFORMATION**

| Chemical Name                           | CAS #       | ORAL LD <sub>50</sub> | DERMAL LD <sub>50</sub> | INHALATION LC <sub>50</sub> |
|---|-------------|-----------------------|-------------------------|-----------------------------|
| Caustic Soda 50%                        | 1310-73-2   | > 2000 mg/kg (Rat)    | > 2000 mg/kg (Rabbit)   |                             |
| Sodium Metasilicate                     | 6834-92-0   | > 1280 mg/kg (Rat)    |                         |                             |
| Nonylphenol Ethoxylate                  | 68478-45-9  | > 1400 mg/kg (Rat)    | > 2000 mg/kg (Rabbit)   |                             |
| Ethylenediamine tetraacetic acid (EDTA) | 023411-34-9 | > 2000mg/kg (Rat)     | Not Listed              | 1mg/L(Rat)                  |

**REPRODUCTIVE TOXICITY**

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards

**TERATOGENIC EFFECTS:** No known significant effects or critical hazards

**CARCINOGENICITY:** No known significant effects or critical hazards.

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as possible or confirmed human

carcinogen by IARC. **OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or

potential carcinogen by OSHA. **NTP:** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**MUTAGENICITY:** Harmful to Aquatic Organisms.

**SECTION 12: ECOLOGICAL INFORMATION**

| Product / Ingredient Name                          | CAS #       | Test | Result                                  | Species   | Exposure |
|--|-------------|------|---|---|----------|
| <b>Sodium Hydroxide</b>                            | 1310-73-2   |      | Acute LC50 220 mg/l<br>Fresh Water      | Fish<br>Bluegill Sunfish  | 96 Hours |
|  |             |      | Acute LC50 1-10 mg/l<br>Fresh Water     | Fish<br>Rainbow Trout   | 48 Hours |
|  |             |      | Acute LC50 177 mg/l<br>Fresh Water      | Daphnia   | 96 Hours |
| <b>Sodium Metasilicate</b>                         | 6834-92-0   |      | Acute LC50 210 mg/l                     | Fish Brachidanio Rerio<br>(semi-static)                                     | 96 Hours |
|  |             |      | Acute LC50 210 mg/l                     | Fish Brachidanio Rerio  | 96 Hours |
| <b>Nonyl Phenol Ethoxylated</b>                    | 9016-45-9   |      | Acute EC50 12mg/L<br>Fresh water        | Algae-green algae<br>Pseudo irchneriella<br>subcapitata                     | 96 Hours |
|  |             |      | Acute LC50 1 to 2<br>ug/L Fresh water   | Crustaceans - Fairy<br>Shrimp Thamnocephaluls<br>Platyurus - Nauplii 24 hrs | 48 Hours |
|  |             |      | Acute LC50 4800 ug/L<br>Fresh water     | Daphnia Water flea<br>Daphnia pulex - Larvae<br><= 24 hourss                | 48 Hours |
|  |             |      | Acute LC50 1300 ug/L<br>Fresh water     | Fish - Bluegill - Lepomis<br>Macrochirus - 1g                               | 96 Hours |
|  |             |      | Chronic NOEC 35<br>ug/L Fresh water Fry | Fish - Meda a, high eyes -<br>Oryzias latipes -                             | 100 days |
| <b>Ethylenediamine<br/>tetraacetic acid (EDTA)</b> | 023411-34-9 |      | Ec50: 1.01 mg/L,                        | Algae: Desmodesmus<br>subspicatus   | 72 Hours |
|  |             |      | Lc50: 34-62mg/L                         | Fish Lepomis macrochirus  | 96 Hours |
|  |             |      | Lc50: 44.2-76.5mg/L                     | Fish: Pimephaels<br>promelas  | 96 Hours |

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**SECTION 13: DISPOSAL CONSIDERATIONS**


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**Waste disposal:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Contaminated Packaging**

Do not reuse container. Keep product and empty container away from heat and sources of ignition.

**Other Information**

Waste codes should be assigned by the user based on the application for which the product was used.

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**SECTION 14: TRANSPORT INFORMATION**


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DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME:

| Regulatory Information | UN number      | Proper Shipping | Classes | PG* | Label |
|------------------------|----------------|-----------------|---------|-----|-------|
| DOT Classification     | Not Regulated  |                 |         |     |       |
| IMDG Class             | Not determined |                 |         |     |       |

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**NOTE:** DOT classification applies to most package sizes. For specific container size classification or for size exceptions, refer to the Bill of Lading with your shipment.

PG\*: Packing Group

**SECTION 15: REGULATORY INFORMATION**


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| Component                               | TSCA | DSL | NDSL | EINECS    | ELINCS | PICCS | ENCS | AICS | IECSC | KECL |
|---|------|-----|------|-----------|--------|-------|------|------|-------|------|
| Ethylenediamine tetraacetic acid (EDTA) | X    | X   | -    | 200-449-4 | -      | X     | X    | X    | X     | X    |

**Legend:**

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.

F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated

polymer made with any free-radical initiator regardless of the amount

used. P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

### U.S. Federal Regulations

TSCA 12(b) Not applicable

SARA 313 Not applicable

SARA 311/312 Hazard Categories See section 2 for more information

### CWA (Clean Water Act)

| Component                               | CWA - Hazardous Substances | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants |
|---|----------------------------|-----------------------------|------------------------|---------------------------|
| Ethylenediamine Tetraacetic acid (EDTA) | X                          | 5000 lb                     |                        | -                         |

Clean Air Act Not applicable

OSHA Occupational Safety Not applicable and Health Administration

### CERCLA

| Component                               | Hazardous Substances | CERCLA – EHS RQS |
|---|----------------------|------------------|
| Ethylenediamine Tetraacetic acid (EDTA) | X                    | -                |

### U.S. Department of Transportation

Reportable Quantity (RQ): N

DOT Marine Pollutant N

DOT Severe Marine Pollutant N

### U.S. Department of Homeland Security

This product does not contain any DHS chemicals.

**Other International Regulations**

**Mexico – Grade** No information available

**Component: Nonylphenol**

**Ethoxylate SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Acute Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Ethoxylated nonylphenol

New Jersey Right To Know Components

Ethoxylated nonylphenol

California Prop. 65 Components

CAS-No. 9016-45-9

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Revision Date 7/17/2009

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This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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**SECTION 16: OTHER INFORMATION**

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**Hazardous Material Information System (U.S.A.):**

|                         |          |
|-------------------------|----------|
| <b>Health</b>           | <b>1</b> |
| <b>Flammability</b>     | <b>0</b> |
| <b>Physical hazards</b> | <b>0</b> |
|                         |          |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327- 6868.

The customer is responsible for determining the PPE code for this material.

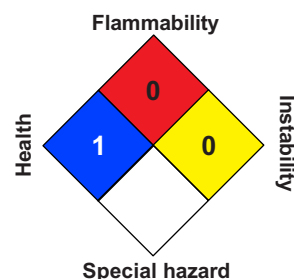
## National Fire Protection Association:

Hazard Identification Ratings (Scale 0-4)

|                     |   |
|---------------------|---|
| <b>HEALTH</b>       | 1 |
| <b>FLAMMABILITY</b> | 0 |
| <b>REACTIVITY</b>   | 0 |

0 = Not significant  
 1 = Slight  
 2 = Moderate  
 3 = High  
 4 = Extreme  
 \* = Chronic

NFPA CODES:



## Notice to reader

The information listed above is furnished without warranty, expressed or implied, except that it is accurate to the best of our knowledge. The data on this sheet relates only to the specific material designated herein. United Asphalt Company assumes no legal responsibility for use or reliance upon this data.

**OSHA Standard 29 CFR 1910.1200** requires that information regarding hazards of the Chemicals be provided to employees by means of a hazard communication program, including but not limited to chemical labeling, safety data sheets, training, and access to written records. It is your legal duty to make all information in this Safety Data Sheet available to your employees.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The user is responsible for full compliance.