



237 North Grove Street
Berlin, NJ 08009

SAFETY DATA SHEET

Revision Date: 10/09/2019

Section 1: Identification

Product Name: Del-Val

Chemical Type:

Solvent, Degreaser & Deodorant

Manufacturer/Supplier:

United Asphalt Company
237 North Grove Street
Berlin, NJ 08009
800-843-0317

Emergency Contact:

CHEM - TEL

Emergency No.: (800) 255-3924

Section 2: Hazard(s) Identification

GHS Classification

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):
Respiratory Tract Irritation, Category 3
This product is combustible

GHS Label element

Hazard statements: Causes skin and eye irritation.
May cause respiratory tract irritation.



Precautionary Statements

Prevention: Wear protective gloves. Wash hands thoroughly after handling. Wear eye Protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.

Storage: No other specific measures identified.

Disposal: See section 13 for waste disposal information.

Other hazards: None known.

Section 3: Composition/Information on Ingredients

CAS number/other identifiers

Hazardous Components		
Chemical Name	%weight	CAS
Naphtha (Petroleum), Heavy Alkylate	20. - 30.	64741-65
Nonyl Phenol Etoxylated	05. - 15.	9016-45-9
Orange Terpenes	35. - 45.	5989-27
Dipropylene Glycol (Mono) Methyl Ether	10. - 20.	34590-94-8

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational limits, if available are listed in Section 8.

Section 4: First-Aid Measures

Description of first aid measures

In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
In case of skin contact	Take off contaminated clothing. Wash with plenty of soap and water. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse.
If swallowed	Get medical attention if you feel unwell. Rinse mouth.
If inhaled	No special measures required. Treat symptomatically.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
Notes to Physician	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Use water spray, dry chemical, carbon dioxide, or chemical foam.
Hazardous thermal decomposition products	No Specific Data
Specific fire-fighting methods	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment as required.
Environmental precautions	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
Methods and materials for containment and cleaning up	Use a water rinse for final clean-up.

Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling	Do not ingest. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Wash thoroughly after handling.
Conditions for safe storage	Keep out of reach of children. Keep container tightly closed.
Storage temperature	Store between the following temperatures: 5°C (41°F) and 40°C (104°F)

STORAGE TEMPERATURE: 4.4°C (40°F) and 49°C (120°F).

Notes: Store in a cool place below 120°F (49°C).

Section 8: Exposure Controls/Personal Protection

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Chemical Name		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Heavy Alkylate	TWA	100		100		NL	NL
	STEL					NL	NL
2-Butoxyethanol	TWA	50	240	20		NL	NL
	STEL					NL	NL

Appropriate engineering controls	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
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Personal protective equipment

Eye protection	Wear safety glasses
Hand protection	No special protection is required.
Skin protection	Wear Neoprene, Nitrile or Rubber gloves.
Respiratory protection	A respirator is not needed under normal and intended conditions of product use.
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

Section 9: Physical and Chemical Properties

Physical state	Liquid
Color	Clear Liquid
Odor	Solvent Odor
pH	N/A
Flash point	No data available
Odor Threshold	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	to 79°C (158°F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available

Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	No data available
Water solubility	soluble
Solubility in other solvents	No data available
Partition coefficient: noctanol/water	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available
Viscosity, kinematic	Kinematic (room temperature): 0 cm ² /s (0 cSt)
Explosive properties	No data available
Specific Gravity	0.817
Molecular weight	No data available
VOC	No data available

Section 10: Stability and Reactivity

Chemical stability	The product is stable.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	No specific data.
Incompatible materials	Keep away from heat, sparks, and flame. Slightly reactive with oxidizing agents.

Section 11: Toxicological Information

ACUTE

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀	INHALATION LC ₅₀
2-Butoxyethanol	1,746 mg/kg (Rat)	680 mg/kg (Rabbit)	450 ppm (Rat)
Heavy Alkylated	>2,000 mg/kg (Rat)	>2,000 mg/kg (Rat)	
Citrus Terpenes	44,000 mg/kg (Rat)	>5,000 mg/kg (Rabbit)	

Information on likely routes of exposure

Skin contact, Eye contact, Inhalation, Ingestion

Potential Health Effects

Eyes	Adverse symptoms may include the following: irritation watering redness
Skin	No specific data.
Ingestion	No specific data.
Inhalation	No specific data.

Experience with human exposure

Eye contact	Causes eye irritation.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.

Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

OSHA-174

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

Standard must be consulted for specific requirements.

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