

Safety Datasheet

Section 1—Chemical Product and Company Identification

Product Identifier: DOT Devil

Product Use: Adhesive Promoter

Supplier: Complete Supply, Inc., P.O. Box 561523, Dallas, Texas 75356, tel 214-231-3631.

Emergency Contact: InfoTrac, +1 352-323-3500 (international), 800-535-5053 (toll free US and Canada).

Section 2—Hazards Identification

Physical Hazards: Not Classified as Hazardous

Health Hazards: Eye Corrosion: 1

Skin Corrosion: 1

Environmental Hazards: Not Classified as Hazardous

Signal Word: DANGER

Symbols:



Hazard Statements: Causes severe skin burns and serious eye damage.

Precautionary Statements: Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

Store locked up.

Dispose of contents and container in accordance with local, regional, national, international regulations.

Other Hazards: None found.

Unknown Ingredients: N/D

Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
Phosphoric Acid	5-10	7664-38-2
Product as a Whole	100	N/D

Section 4—First Aid Measures

Skin contact: If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a doctor.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Ingestion: If swallowed: Rinse mouth. DO NOT induce vomiting. Immediately call a doctor.

Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

Most important symptoms/effects, acute and delayed: N/D

Indication of immediate medical attention/special treatment: N/D

Section 5—Fire-Fighting Measures

Suitable extinguishing media: Use media suitable to surrounding fire.

Specific hazard arising from chemicals: None known

Special equipment and precautions: Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

Section 6—Accidental Release Measures

Personal precaution, protective equipment, emergency procedures: Avoid eye contact. Do not ingest. Avoid inhalation. Wear Personal Protective Equipment (refer to section 8).

Methods and material for containment and clean up: Stop discharge and contain material. Substantial quantities may be recovered with a vacuum pump. Use explosion proof equipment if flammable or combustible. Otherwise, use appropriate absorbent. Place contaminated material in container suitable for disposal. Use appropriate protective equipment. Be sure there is adequate ventilation. Do not flush to streams or other bodies of water. Contact appropriate environmental agencies if further guidance is required.

Section 7—Handling and Storage

Precautions for safe handling: Avoid contact with eyes. Do not ingest. Do not inhale.

Cautions for safe storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Incompatibilities: Strong alkalis and oxidizers, reactive metals.

Section 8—Exposure controls/personal protection

Exposure Limits: Phosphoric Acid: PEL: (1 mg/m³) TWA-TVL (1 mg/m³) STEL-TLV (3 mg/m³)

Specific Engineering: Not established.

Individual protective equipment and measures: Gloves: Acid resistant. Eye protection: Chemical anti-splash goggles. Respiratory: Use with adequate ventilation. Good general ventilation is sufficient. Local exhaust may be necessary for some operations.

Section 9—Physical and Chemical Properties

Physical State: Liquid	Flammability (solid, gas): Not Flammable
Color: Clear	Vapor Pressure (mmHg): 20@68°F

Odor: Slight chemical	Vapor Density (air= 1): >1
Odor Threshold: N/D	Relative Density: 1.02
pH: 1.5-2.0	Solubilities: In water: complete
Melting point/freezing Point: N/D	Partition Coefficient: N/D
Initial Boiling Point and Boiling Range: 212 °F Initial	Auto-Ignition Temperature: N/D
Flash Point: None	Decomposition Temperature: N/D
Evaporation Rate: (water=1) <1	Viscosity: N/D
Upper/Lower Flammability or Explosive limits: LEL: N/A. UEL: N/A	

Section 10—Stability and Reactivity:

Chemical Stability: Stable	Condition to Avoid: None known
Reactivity: No specific reactivity test data available for this mixture.	Possibility of Hazardous Reaction: Hazardous Polymerization: N/D
Incompatible Materials: Strong alkalis and oxidizers, reactive metals.	Hazardous Decomposition Products: Phosphorous oxide vapors in a fire.

Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Phosphoric Acid	1,530 mg/kg	N/D	N/D
Product as a Whole	19,292 mg/kg	N/D	N/D

Important symptoms: Refer to Section 4—First Aid Measures.

Effects of Acute Exposure: Severe skin irritant. Prolonged or repeated contact can cause chemical burns or dermatitis. Severe eye irritant. Liquid and mist may burn or injure the eye. May be irritating to the mouth and throat. Nausea and vomiting expected with large doses. May be irritating to the mucous membranes of the nose, throat and lungs.

Effects of Chronic Exposure: N/D

Carcinogenicity: IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

Other Data: N/D

Section 12—Ecological Information:

Ecotoxicity: N/D

Persistence and degradability: N/D	Bioaccumulative Potential: N/D
Mobility in Soil: N/D	Other Adverse Effects: N/D

Section 13—Disposal Considerations

Waste Treatment Method: Dispose of contents and container in accordance with local, regional, national, international regulations. Rinse empty container.

Section 14—Transport Information

UN number: UN 1805	UN proper shipping name: Phosphoric acid
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	solution
Transport hazard class(es) : 8	Packing group if applicable: III
Environmental hazards:	Special precautions:
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	

Section 15—Regulatory information

No information found.

Section 16—Other Information

Key to Abbreviations:

no info not determined, no information found

N/D not determined, no information found

Date SDS Prepared: July 1, 2015

Suggested NFPA rating: N/D

Suggested HMIS rating: H=3, F=0, P=0, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.