



ADVANCED POLYMER, INC.

GET THE API ADVANTAGE . . .

API-D600

API-D600 is a waterborne, zinc based odor neutralizing product that also provides resistance to soil deposition. API-D600 is not a masking agent. It binds with organic waste and decomposition odors, and chemically neutralizes the odor. It is very effective against acids, amines, thioesters (including hydrogen sulfide) and ammonia. API-D600 eliminates odors associated with humans, animals, food, chemical processes and smoke. It leaves behind a protective, soil resistant finish.

CHARACTERISTICS

- Easy to formulate.
- Chemically binds to odor-causing organic components.
- Readily dilutes at any concentration in water to a clear neutral solution.
- Compatible with a wide range of carpet and upholstery cleaners.
- Provides outstanding resoil resistance.

SUGGESTED USES

- Carpet, upholstery and apparel fabrics
- Automobiles, RVs and Boats
- Pet waste containers
- Food service areas

TYPICAL FORMULATION

Odor Absorbing/Soil Resistant Product		
Materials	Pounds	% by Weight
API-D600	4–31	1–7
Water*	397–410	93–99
Total	441	100

* For best in-can stability, distilled or deionized water is recommended.

** For dilutions, se of an in-can preservative is recommended.

Add API-D600 to water and mix thoroughly using moderate agitation to form a clear solution.

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TYPICAL PROPERTIES

Appearance: Clear, pale amber
 pH (1% solution): 6.5–8.5
 Boiling Point: Approx. 100°C

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 Carlstadt, NJ 07072
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 www.advpolymer.com



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APPLICATION

- Apply to surface using pump spray. **Do not aerosolize or atomize this product.**
- Odors are eliminated on contact. Allow to dry thoroughly for full protection against soiling.

PACKAGING

API-D600 is available in 8 oz samples and 480 lb drums.

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I want to know more!

technical@advpolymer.com

You may also be
interested in . . .

- API-D500
- API-139RF

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Revised June 21, 2011

API-D600

Section I Product Identity

Product Name: API-D600
Chemical Name/Family: Odor Eliminator
CAS Registry: Mixture
24 Hour Emergency Number 800-424-9300
24 Hour Chemtrec Number 800-424-9300
All ingredients are listed in EPA's TSCA list of chemical substances

Section II Hazardous Components/Composition Information

CHEMICAL	CAS #	TWA	STEL	Ceiling	Percent
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OSHA Hazardous Component (29CFR1910.1200): None

Section III Physical and Chemical Properties

Boiling Point	212°F
Specific Gravity (H ₂ O=1)	1.09
pH (1% solution)	7.5
Vapor Pressure	ND
Vapor Density (Air=1)	ND
Percent Volatile By Weight	ND
Evaporation Rate (Water=1)	~1
Solubility in Water	Dispersible
Appearance and Odor	Clear, yellow liquid.

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	No flash point below boiling point.
Flammable Limits in Air (% By Volume)	N.D.
Extinguishing Media	Foam, dry chemical powder, CO ₂ and water spray.
Special Fire Fighting Procedures	Evacuate personnel to a safe area. Wear proper protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.
Hazardous Products of Combustion	In event of fire, the following may be released: oxides of carbon, nitrogen and zinc.

Section V Reactivity Data

Stability	Stable
Conditions to Avoid	None with proper storing and handling.
Incompatibilities	Oxidizing materials.
Hazardous Decomposition or By Products	Upon combustion, the following may be produced: Oxides of carbon, nitrogen and zinc.
Hazardous Polymerization	May not occur

Section VI Health hazard Data

Primary Routes of Entry	Inhalation: Yes	Dermal: Yes	Ingestion: Yes
Acute Health hazard	No information available.		
Chronic Health Hazard Carcinogenicity	No information available.		
NTP: No	IARC Monograph: No	OSHA Regulated: No	

Signs and Symptoms of Exposure:

Skin Contact	Prolonged and repeated contact may cause irritation to skin.
Eye Contact	Irritant. Avoid contact with eyes.
Ingestion	Single dose oral toxicity is low. Swallowing large amount may be harmful.
Inhalation	Inhalation is not likely to cause harmful effects.

Medical Condition Generally Aggravated by Exposure

Gastrointestinal irritation (nausea, vomiting, diarrhea), and /or irritation to the skin, eyes, nose, throat, and respiratory tract.

Emergency First Aid Procedures

Eyes	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
Skin	Immediately wash skin with soap and plenty of water. Wash contaminated clothing before reuse. If irritation persists, consult a physician.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician or local Poison Control Center.
Inhalation	If symptoms of overexposure develop, immediately remove to fresh air. If symptoms persist, consult a physician.

Section VII Precautions for Safe Handling and Use

Steps to be Taken in Case the Material is Released or Spilled:

Small Spill: Soak up with an absorbent such as clay, sand, or other suitable material and dispose properly. Flush area with water to remove trace residue.

Large Spill: Wear respirator and protective clothing as appropriate. Shut off source of leak if it is safe to do so. Dike and contain spilled material. Remove with vacuum trucks or pump to storage/salvage containers. Keep from entering ground, sewers, or storm drains. Soak up residue with absorbent such as clay, sand or other suitable material. Flush area with water to remove trace residue.

Waste Disposal Method:

Contains 0.5% Zinc. Dispose in accordance with all applicable federal, state, and local regulations.

RCRA Information: If this material becomes a waste, it would not be considered hazardous under 40CFR261.

Section VIII Special Precautions

Precautions to be Taken in Handling and Storage:

Storage: Store in a tightly closed container. Store in a cool well ventilated area away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight.

Handling: Handle and open containers with care. Do not handle near an open flame, heat, or other source of ignition. *** **Agitate contents of container before using** ***

Section IX Control Measures

Respiratory Protection	If workplace exposure limits of product or any component are exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control.	
Ventilation	Local exhaust	Recommended.
	Mechanical	Recommended.
	Special	None
	Other	None
Eye Protection	Safety glasses, goggles, and/or face shields should be worn	
Protective Gloves	Rubber or plastic gloves should be worn	
Protective Clothing	Impervious apron and boots.	
Other Protective Equipment	Eye wash equipment	
Other Precautions	Wash hands thoroughly after use.	

Section X SARA Title III

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of SECTION 313 of the EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 and of 40 CFR 371

CAS #	Chemical Name	Percent by Weight
	None	

THIS INFORMATION MUST BE INCLUDED IN ALL MSDSs THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL

Section XI Transportation Information

SHIPPING INFORMATION

API-D600 is not regulated by DOT.

Hazard Ratings

Health	1
Flammability	0
Reactivity	0

Date Prepared June 23, 2011

Prepared By API

Date Revised

Revised By

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