

MATERIAL SAFETY DATA SHEET

A Product Of: Arrow Paper Corporation
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SECTION I - PRODUCT IDENTIFICATION

Trade Name: PATRIOT NOVEL DRAIN CLEANER
Chemical name / synonyms: Bacteria/Enzyme Complex Detergent
Formula: Mixture
D.O.T.: Non hazardous, no UN Number is required
HMIS CODE: Health 1, Fire 1, Reactivity 0
HMIS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=insignificant

SECTION II - HAZARDOUS INGREDIENTS

<u>Substance</u>	<u>% Composition</u>	<u>TLV</u>
No hazardous ingredients to be listed as regulated by the Massachusetts Right to Know Law or 29 CFR 1910.1000		

SECTION III - PHYSICAL DATA

Boiling Pt (°F): 212	Specific Gravity: 1.03
Vapor Pressure (mm Hg): NA	Percent Volatile: ND
Vapor Density (air=1): NA	Evaporation Rate (water=1): 1
Solubility in water: complete	pH: 7
Appearance and Odor: clear blue liquid, pleasant odor.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): None Flammable
test method: NA

Flammable limits in air (vol%)
Upper: NA Lower: NA

Extinguishing Media: as necessary for surrounding fire.
Special fire fighting procedures: NA
Unusual fire and explosion hazard: NA

SECTION V - HEALTH HAZARD DATA - ROUTES OF ENTRY

Threshold Limit Value: See Section II

Acute Effects Of Overexposure: EYES- irritation. SKIN- irritation, dermatitis. INHALATION- irritation. INGESTION- nausea, dizziness, harmful if swallowed.

Chronic Effects Of Overexposure: not known.

Emergency And First Aid Procedures: EYES- flush with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention. SKIN- remove contaminated clothing and launder before reuse. Wash skin with soap and water. INHALATION- remove person to fresh air. Administer artificial respiration if indicated. Obtain immediate medical assistance. INGESTION- rinse mouth/throat with water if only mouth contact occurs. If ingested give two glasses of water and induce vomiting. Contact physician or poison center immediately.

SECTION VI - REACTIVITY DATA

Stability: stable

Conditions to avoid: Avoid mixing concentrate with strong oxidizing agents such as chlorine bleach.

Hazardous decomposition products: no uniquely hazardous decomposition products are expected. Organic portion may yield nitrogen, carbon dioxide, water.

Hazardous polymerization products: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled:

Large spills: Dike and contain. Place in nonleaking containers for disposal agency. Small spills: soak or mop up. Small spills may be flushed to sewer. Area may be slippery.

Waste disposal method: Large amounts should be given to licensed disposal agency.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not necessary ordinarily. If burned or heated to combustion, use a gas mask.

Ventilation -local exhaust: no -mechanical exhaust: no

Protective gloves: avoid excessive contact.

Eye protection: chemical goggles, if contact is likely. Other protective equipment: none

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store above 35 °F but in a cool dry place with container sealed.

Other precautions: KEEP OUT OF REACH OF CHILDREN.

ND means NOT DETERMINED on this form.
NA means NOT APPLICABLE on this form.

The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described on the label or in the Product Data Sheet is the responsibility of the user.

This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communications Regulation and Massachusetts Right to Know Law.