

MATERIAL SAFETY DATA SHEET

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HMIS HAZARD RATING	
HEALTH	2
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	C

DATE OF PREPARATION
SEPTEMBER 17, 2001
BY TECHNICAL SERVICES

DATE OF REVIEW/UPDATE
JULY 25, 2006

SECTION 1 - PRODUCT IDENTIFICATION

ITEM NUMBER

1191

ITEM DESCRIPTION

TEC491 POWDERED LEMON LAUNDRY DET

PRODUCT NAME

TECHNICIAN'S CHOICE TEC491 POWDERED LEMON LAUNDRY DETERGENT

PRODUCT CLASS

LAUNDRY DETERGENT

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT CAS NUMBER	MAX. % BY WT.	TLV ¹	PEL ²
NONYLPHENOXY POLYETHORYETHANOL 9016-45-9		NONE ESTABLISHED	
TRISODIUM PHOSPHATE 7758-29-4		NOT ESTABLISHED	
SODIUM CARBONATE 497-19-8		NOT ESTABLISHED	
SODIUM METASILICATE 6834-92-0		NOT ESTABLISHED	

Listed as IARC, NTP, or OSHA Carcinogen: None

SECTION 3 - PHYSICAL CHARACTERISTICS

BOILING POINT:	NOT APPLICABLE
VAPOR PRESSURE(mmHg @ 68F)	UNKNOWN
VAPOR DENSITY(AIR=1)	UNKNOWN
SOLUBILITY IN WATER:	COMPLETE
SPECIFIC GRAVITY:	NOT APPLICABLE
% VOLATILE	1.0+/-0.2
MELTING POINT:	NOT APPLICABLE
EVAPORATION RATE(WATER=1)	NOT APPLICABLE
APPEARANCE AND ODOR:	WHITE POWDER, LEMON ODOR

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SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT / METHOD: NOT APPLICABLE
FLAMMABLE LIMITS: LEL: NA. UEL: NA
EXTINGUISHING MEDIA: Not Applicable.

SPECIAL FIRE FIGHTING PROCEDURES: Not Applicable.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not Applicable.

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SECTION 5 - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

EYE: Irritation to severe to permanent damage of eyes. Prolonged contact can cause severe irritation, redness, tearing, blurred vision, corneal damage and blindness.
SKIN: Dryness, redness, itching and irritation to skin damage.
INHALATION: Irritation of respiratory system, headache, dizziness, nausea, fatigue, loss of coordination.
INGESTION: Gastrointestinal irritation, vomiting, diarrhea.
Harmful or fatal if swallowed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION Remove exposure. Restore breathing. Keep warm and quite. Seek medical attention.
SKIN Wash affected area with water. Remove contaminated clothing and launder before reuse. Seek medical attention if irritation persists.
EYES Flush with large amounts of water. Remove contact lenses. Hold eyelids open and roll eyeball in all directions. Continue flushing for 15 minutes. Get medical attention.
IF SWALLOWED Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Rinse out mouth then drink large amounts of water. Seek medical attention.

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SECTION 6 - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Acids, ammonia, halogens.
HAZARDOUS DECOMPOSITION PRODUCTS: Various hydrocarbons of incomplete
combustion.
HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED:

Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD:

Waste from this product may be hazardous as defined by the
Resource Conservation and Recovery Act (RCRA) 40 CFR 261.
Dispose of in accordance with federal, state and local
regulations.

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SECTION 8 - SPECIAL PROTECTION INFORMATION

VENTILATION:

Use only with adequate ventilation. Avoid breathing vapor or mist.
Local exhaust preferred.

RESPIRATORY PROTECTION:

If required a properly fitted NIOSH/MSHA approved respirator rated
for the ingredients found in (SECTION 2).

SKIN PROTECTION:

Gloves rated for protection against ingredients in (SECTION 2).

EYE PROTECTION:

Safety glasses with side shields or chemical goggles.

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SECTION 9 - PRECAUTIONARY INFORMATION

PRECAUTIONS TO BE TAKEN IN STORING AND HANDLING:

Do not smoke. Never wear soaked clothing. Launder or dry-clean
before wearing. Do not wear contact lenses while using this
product. Keep out of children's reach. Store between 50-120
degrees F. Affix proper warning labels on containers in accordance
with 29CFR 1010.1200.

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SECTION 10 - REGULATORY INFORMATION

D.O.T. REQUIREMENTS (49CFR 172.101)

Non-regulated by D.O.T.

RQ 49CFR 172.101 (REPORTABLE QUANTITY)	RQ (lb.)	OF THIS PRODUCT
TRISODIUM PHOSPHATE	(5000)	

TSCA (Toxic Substances Control Act) Status

The intentional ingredients of this product are listed.

CERCLA RQ - 40CFRV302.4

COMPONENT	RQ (lb.)	OF THIS PRODUCT
TRISODIUM PHOSPHATE	(5000)	

SARA 302 COMPONENTS - 40CFR 355 Appendix A

None

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate	(X)	Reactive	()
Delayed	(X)	Sudden Release of Pressure	()
Fire	()		

SARA 313 COMPONENTS - 40CFR 372.65

COMPONENT	CAS NUMBER	MAXIMUM PERCENT
NONE		

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

INGREDIENT	MAX. % BY WT.	LD50	LC50
ETHOXYLATED NONYLPHENOL 9016-45-9		unknown	unknown
TRISODIUM PHOSPHATE 7758-29-4		7400mg/kg oral-rat	unknown

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The information contained herein is based on data we believe to be correct. Any use of the product that is not in conformance with this MSDS or which involves using the product in combination with any other product or any process is the responsibility of the user.

¹ ACGIH

² OSHA