



ATUL LIMITED

Bulk Chemicals & Intermediates Division

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MATERIAL SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT IDENTIFICATION			
TRADE NAME	p-Hydroxy Benzoic Acid		
CHEMICAL NAME	4-Hydroxy Benzoic Acid		
EMERGENCY CONTACT NO.	91-2632- 233261 to 233265		
SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS			
INGREDIENTS	CAS #	TLV/PEL	EINECS / EEC No.
p-Hydroxy Benzoic Acid	99-96-7	No TLV assigned.	202-804-9
None of the above components are considered hazardous under OSHA Hazard Communication Regulations (29 CFR 1910.1200).			
SECTION 3 — HAZARDS IDENTIFICATION			
No known physical hazards.			
SECTION 4 — POTENTIAL HEALTH EFFECTS/EFFECTS OF OVEREXPOSURE			
EYE CONTACT	May cause eye irritation.		
SKIN CONTACT	May cause irritation. Protective clothing is recommended while handling this material.		
INHALATION	No toxic effects are known to be associated with inhalation of dust from this material.		
INGESTION	Relative to other materials, a single dose of this product is nontoxic by ingestion.		
CHRONIC	No evidence of adverse effects from available information.		
EMERGENCY AND FIRST AID PROCEDURES			
EYE CONTACT	Immediately flush with copious amounts of water for a least 15 minutes and have eyes examined and treated by medical personnel.		
SKIN CONTACT	Wash material off the skin with copious amounts of soap and water. If redness, itching or a burning sensation develops, get medical attention.		
INHALATION	Remove victim to fresh air. If cough or other respiratory symptoms develop, consult medical personnel.		
INGESTION	Give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. Never give anything by mouth to an unconscious person.		
SECTION 5 — FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method Used)	Not applicable		

FLAMMABLE LIMITS IN AIR	Not known.		
EXTINGUISHING MEDIA	Water fog, foam, carbon dioxide, dry chemical.		
SPECIAL FIRE FIGHTING & EQUIPMENT PROCEDURES	Self-contained breathing apparatus with full-face piece and protective clothing.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	This product may form explosive dust clouds in air.		
SECTION 6 — SPILL OR LEAK PROCEDURE			
STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED	Wear skin and eye protection during cleanup. Sweep up and recover or mix material with moist absorbent and shovel into waste container. Wash down spill area with hot water containing detergent and flush to sewer serviced by a wastewater treatment facility.		
ENVIRONMENTAL HAZARDS/WASTE DISPOSAL	Disposal should be in accordance with local legislation. Spillages or uncontrolled discharges into watercourses must be alerted to National River Authority.		
SECTION 7 — SPECIAL PRECAUTIONS			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Follow precautions specified in the NFPA Codes and Standards for handling explosive dusts. Maintain good housekeeping to avoid dust build up. Avoid skin contact; stains may be difficult to remove without injuring skin.		
SECTION 8 — PERSONAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION	If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes, not less than 0.05 mg/m ³ .		
PROTECTIVE GLOVES	Chemical impervious gloves and arm covers.		
EYE PROTECTION	Chemical tight goggles.		
OTHER PROTECTIVE EQUIPMENT	Impervious apron. Eye wash station and safety shower in work area.		
VENTILATION	Use local exhaust to keep explosive to a minimum.		
SECTION 9 — PHYSICAL DATA			
BOILING POINT (°C)	N/A	FREEZING POINT (°C)	No data.
BULK DENSITY	595 kgs/m ³	SOLUBILITY IN WATER	Insoluble
VAPOR PRESSURE (mm Hg)	No data.	MELTING/SOFTENING POINT	No data
pH, 1% SOLUTION	3.2 +/- 0.5	MOLECULAR WEIGHT	138
VAPOR DENSITY (AIR = 1)	No data.	SPECIFIC GRAVITY (WATER = 1.0)	No data.
		APPEARANCE AND ODOR	White powder

SECTION 10 — REACTIVITY DATA	
STABILITY	Stable under normal conditions.
INCOMPATIBILITY	Alkaline materials, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS	Carbon dioxide, carbon monoxide.		
HAZARDOUS POLYMERIZATION	Has not been reported.		
CONDITIONS TO AVOID	Incompatible materials.		
SECTION 11 — TOXICOLOGICAL INFORMATION			
LD₅₀, ORAL, RAT	2200 mg/kg		
DUST INHALATION	Not available		
EYE IRRITATION	Not available		
SKIN IRRITATION	Not available		
SKIN SENSITIZATION	Not available		
SECTION 12 ECOLOGICAL INFORMATION			
AQUATIC TOXICITY	This material is expected to be non toxic to aquatic life in dilute concentration.		
SECTION 13 DISPOSAL CONSIDERATION			
Whatever cannot be saved for recovery or recycling should be sent to secured lad fill site or should be burnt in accordance with the regulations in force locally.			
SECTION 14 TRANSPORT INFORMATION			
Shipping Name	IATA Not Regulated	IMO Not Regulated	RID/ADR Not Regulated
Hazard Class	-	-	-
UN Number	-	-	-
Packing Group	-	-	-
Dangerous Goods Code	-	-	-
INTERNATIONAL (WATER, I.M.O)	Proper Shipping Name : para hydroxy benzoic acid		
SECTION 15 — REGULATORY INFORMATION			
<p>European / International Regulations European Labeling in accordance with EC directives. Hazard Symbols - Not available Risk Phrases - Safety Phrases - S 24 / 25 Avoid contact with skin and eyes. WGK (Water / Danger Protection) CAS NO 99-96-7 : 1 United Kingdom Occupational Exposure Limits Canada - CAS 99-96-7 is listed on Canada's DSL list USA Federal TSCA - CAS 99-96-7 is listed on the TSCA inventory.</p>			

Additional Information:

While this information and recommendations set forth are believed to be accurate as of the date hereof, ATUL LIMITED makes no warranty with respect hereto and disclaims all liability from reliance thereon. User should make their own investigations to determine the suitability of the information for their particular purposes. In no way company shall be liable 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 the company has been advised of the possibility of such damages.