



MATERIAL SAFETY DATA SHEET

PRODUCT TYPE:	<i>Acid Cleaning Blend</i>	NFPA	4-extreme	Fire-0
PRODUCT NAME:	<i>Wheel Bright</i>	<i>Hazard Rating</i>	3-high	Health-3
MSDS DATE:	<i>1-Jan-10</i>		2-moderate	Reactivity-1
			1-slight	Special-
			0-none	

Chemtrec Phone Number: 1-800-424-9300

PRODUCT IDENTIFICATION

CHEMICAL CLASS: *Inorganic Acid Cleaning Compound*
 PROPER DOT SHIPPING NAME: *Corrosive Liquid NOS, Hydrofluoric & Phosphoric Acid, Sulfuric Acid*
 DOT HAZARD CLASS: *8*
 HAZARDOUS INGREDIENTS: *Hydrofluoric, Phosphoric, Sulfuric Acid*

HAZARDOUS INGREDIENTS

<u>MATERIAL OR COMPONENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>TLV (units)</u>
***Hydrogen Fluoride		10 7664-39-3	3 PPM
***Phosphoric Acid	< 10	7664-38-2	1 mg/M3
***Sulfuric Acid	< 15	7664-93-9	1 mg/M3

*** These chemicals are subject to the reporting requirements of SARA TITLE III.

PHYSICAL DATA

BOILING POINT (F):	<i>N/A</i>	SPECIFIC GRAVITY:	<i>1.1 +/- .01</i>
VAPOR PRESSURE:	<i>N/A</i>	PERCENT VOLATILE BY VOLUME:	<i>78</i>
SOLUBILITY IN WATER:	<i>Complete</i>	EVAPORATION RATE:	<i>Slower than water</i>
APPEARANCE & ODOR:	<i>Clear liquid-acid odor</i>	pH:	<i>1</i>

FIRE & EXPLOSION DATA

FLASH POINT:	<i>None</i>	AUTO IGNITION TEMP:	
FLAMMABLE LIMITS:	<i>N/A</i>	LEL:	<i>N/A</i> UEL: <i>N/A</i>
EXTINGUISHING MEDIA:	<i>N/A</i>		
SPECIAL FIRE FIGHTING PROCEDURES:	<i>N/A</i>		
UNUSUAL FIRE & EXPLOSION HAZARDS:	<i>N/A</i>		

HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES

SKIN: *Rinse skin with water for an minimum of 15 minutes.*

EYES: *Flood eyes with water for a minimum of 15 minutes.*

INGESTION: *Do not induce vomiting. Drink large amounts of water.*

INHALATION: *Move person to fresh air. Keep the person lying down.*



PRODUCT NAME: *Wheel Bright*
MSDS DATE: *1-Jan-10*

ROUTES OF EXPOSURE

SKIN: *Liquid and vapor can cause severe burns.*
EYES: *Liquid and vapor can cause irritation and cornea burns.*
INGESTION: *Can cause severe mouth, throat and stomach burns.*
INHALATION: *Vapors can irritate throat, and respiratory system.*

REACTIVITY DATA

STABILITY: *Stable*
INCOMPATIBILITY: *Avoid alkaline materials.*
HAZARDOUS DECOMPOSITION PRODUCTS: *None*
HAZARDOUS POLYMERIZATION: *None*

ENVIRONMENTAL PROTECTION PROCEDURES

SPILL RESPONSE: *Flood with water. Neutralize with mild alkaline material or use floor absorbent.*
WASTE DISPOSAL METHOD: *Check Federal, State, and local regulations.*

SPECIAL PROTECTION INFORMATION

EYE PROTECTION: *Safety glasses* SKIN PROTECTION: *Rubber Gloves*
RESP. PROTECTION: *If exposed to concentrations above TLV, wear NIOSH / MSHA approved respirator.*
VENTILATION: *Use mechanical ventilation or exhaust to maintain exposure limits below TLV's.*
OTHER PROTECTION: *Wear rubber apron or protective suit if exposed to concentrations above TLV.*

SPECIAL PRECAUTIONS

HYGIENIC PRACTICES IN HANDLING & STORAGE: *Avoid contact with skin, eyes, and clothing.
Store at moderate temperatures.*
PRECAUTIONS FOR REPAIR & MAINTENANCE OF CONTAMINATED EQUIP:
OTHER PRECAUTIONS: *Do not contaminate. Keep from freezing.
CAUTION: Contains Hydrofluoric Acid.*

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