



WOOD WYANT

BLUE FORCE
07-12500/115113

Wood Wyant Inc.
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For MSDS update: 1-800-361-7691

MATERIAL SAFETY DATA SHEET
MATERIAL IDENTIFICATION AND USE

Trade Name Blue Force

WHMIS Class:D2B, E

Recommended Use: Phosphoric acid bowl cleaner for industrial and institutional use.

Health Rating: 0 = insignificant 1 = slight 2 = moderate 3 = high 4 = extreme

Health: 2 **Flammability:** 0 **Reactivity:** 1 **Special Warning:** 0

II HAZARDOUS INGREDIENTS

	<i>T.L.V.</i>	<i>LD₅₀ / LC₅₀</i>	<i>CAS</i>	<i>%</i>
Phosphoric Acid	N.Av	1530 mg/kg n.d. (Oral-rat) 1250 mg/kg (oral-mouse)	7664-38-2	10-30
Amines, tallow alkyl, ethoxylated	N.Av.	620 mg/kg (oral-rat)	61791-26-2	1-5

III PHYSICAL DATA

Physical State:	Liquid	Vapour Density:	N.Av.
Odour:	Lemon	% Non Volatile:	N.Av.
Colour	Blue	pH:	< 1.0
Specific Gravity	~1.11	Clarity:	Clear
Viscosity:	1500 cps (Thick)	Boiling Point:	100° C
Solubility in Water:	100%		

IV FIRE AND EXPLOSION DATA

Flash Point (°C TCC): None

Hazardous Combustion Products: None

Extinguishing Media: Dry chemical, CO₂, water spray, foam

Unusual Fire and Explosive Hazards: Contact with aluminium and other "soft" metals can generate hydrogen gas which is flammable and / or explosive in the presence of an ignition source.

Special Procedures:

None Required

V REACTIVITY DATA

Stability: Stable

Materials to Avoid: Strong Alkalis and products containing chlorine, such as bleach. "Soft" metals such as aluminium, zinc and galvanized steel. Avoid contact with acid sensitive surfaces. Avoid contact with strong oxidizing and reducing agents.

Hazardous Decomposition Products: Oxides of Carbon and nitrogen as well as acridic smoke and fumes.

N.Ap. = Not Applicable

N.Av. = Not Available

Exp. = Exposition

VI TOXICITY DATA**Primary Route of (Entry) Exposure:**

INHALATION: If mists or vapours, may cause irritation of the nose, eyes and throat.
EYES: May cause severe irritation or chemical burns. Can cause painful stinging or burning of eyes and lids, watering of eyes, conjunctivitis.
SKIN: May cause severe irritation or chemical burns.
INGESTION: Harmful. May cause chemical burns of mouth and throat; can cause nausea, vomiting, cramps and diarrhea.

Acute exp. effects: As above.

Chronic exp. effects: Prolonged and repeated contact with the skin may cause dermatitis.

VII FIRST AID

INHALATION: Immediately move to fresh air. Assist breathing as required.
EYES: Immediately flush with plenty of cool water for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye. Remove contact lenses. Call a physician immediately.
SKIN: Immediately wash with soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. Consult a physician if irritation persists.
INGESTION: **DO NOT INDUCE VOMITING.** If victim is conscious, rinse mouth and give 1 or 2 glasses of water. Consult a physician immediately. Never give anything by mouth to an unconscious person.

VIII PREVENTATIVE MEASURES

Gloves: Rubber or Neoprene.

Eye Protection: Wear safety glasses.

Other Protective Equipment: As required to prevent contact with skin and clothing

Engineering Controls:

Local Exhaust: No special requirements

Leak & Spill Procedures:

Small spills: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Large spills: The spill should be absorbed with absorbent material and placed in suitable containers. Review Federal, Provincial and Local government requirements for disposal.

Waste Disposal: In accordance with Municipal, Provincial and Federal regulations.

Handling Procedures

and equipment: Remove and launder contaminated clothing. Use with adequate ventilation. Do not mix with any other cleaning product. Avoid contact with "soft" metals such as aluminium, zinc and galvanized steel. Do not mix with bleach. Avoid contact with skin, eyes and clothing. Wear protective equipment. Avoid contact with acid sensitive surfaces such as marble and concrete.

Storage Requirements:

KEEP OUT OF REACH OF CHILDREN. Keep containers closed.

Store away from Alkalis and products containing chlorine compounds.

IX ADDITIONAL INFORMATION

TDG Shipping Name: Phosphoric Acid
Class 8 UN 1805 Packing Group III

Prepared By: Technical Department

Date: May 2007

Revision based on updated data from Suppliers

