




MATERIAL SAFETY DATA SHEET



BC 110

HMS		NFPA	Personal protective equipment	
Health	3	3		
Fire Hazard	0	0		
Reactivity	0	0		

Version Number: 3

Preparation date: 2006-04-20

IDENTIFICATION

Product name: BC 110
MSDS #: MS0100514
Product code: 4198181
Recommended use: Cleaning product.

Manufacturer, importer, supplier:
 US Headquarters: JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-0902
 Phone: 1-888-352-2249
 MSDS Internet Address: www.johnsondiversevy.com

Canadian Headquarters: JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CONCENTRATE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS.

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Skin contact: Corrosive. May cause permanent damage.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Alcohol ethoxylates	68438-46-3	1 - 5%	= 1378 mg/kg	> 2 g/kg	Not available
Phosphoric acid	7664-38-2	10 - 20%	= 1530 mg/kg	= 2730 mg/kg	> 850 mg/m ³ (1h)

FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion: Immediately drink one cupful of water or milk. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical attendant, medical doctor, or poison control center.
Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

FIRE FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: Thermal decomposition can lead to release of irritating gases and vapors.
Unusual hazards: Corrosive material (See sections 8 and 10).
Specific methods: No special methods required.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Extinguishing media which must not be used for safety reasons: No information available

2.2.1.1 PERSONAL PRECAUTIONS

Personal precautions: Put on appropriate personal protective equipment (see Section 8).
Environmental precautions and clean-up methods: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

2.2.1.2 HANDLING

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Avoid breathing vapors or mists. Use only with adequate ventilation. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing. Keep out of the reach of children.

2.2.1.3 ENGINEERING MEASURES TO REDUCE EXPOSURE

Engineering measures to reduce exposure: Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

2.2.1.4 PERSONAL PROTECTIVE EQUIPMENT

Eye protection: Chemical splash goggles.
Hand protection: Chemical resistant gloves includes neoprene gloves
Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Phosphoric acid	7664-38-2	3 mg/m ³ (STEL) 1 mg/m ³ (TWA)	1 mg/m ³ (TWA)	3 mg/m ³ (STEL) 1 mg/m ³ (TWA)

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Bulk density: No information available
pH: 0.77	Dilution pH: No information available.
Appearance: Aqueous solution	Vapor density: No information available
Color: Pink	Evaporation Rate: No information available
Odor: Fresh	Boiling point/range: Not determined
Specific gravity: 8.98 lb/gal	Melting point/range: Not determined
Density: 1.08 g/ml	Decomposition temperature: Not determined
VOC: 0.251 %	Autoignition temperature: No information available
Flash point: >200 (°F) >93.3 (°C)	Viscosity: No information available
Solubility: Soluble	Partition coefficient (n-octanol/water): No information available
	Solubility in other solvents: No information available

Elemental Phosphorous: 4.2%

4. STABILITY AND REACTIVITY

Stability: The product is stable.
Polymerization: Hazardous polymerization does not occur.
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Do not mix with chlorinated products.
Conditions to avoid: Do not freeze. Do not mix with any other product or chemical.

5. TOXICITY

Acute toxicity Corrosive
Component information: See Section 3
Chronic toxicity: None known

Specific effects

TOXICOLOGICAL INFORMATION

Carcinogenic effects: None known
 Mutagenic effects: None known
 Reproductive toxicity: None known
 Target organ effects: None known

ENVIRONMENTAL INFORMATION

Environmental Information: No data available

DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
 Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations.

DOT/TPD INFORMATION

DOT/TPD: Please refer to the Bill of Lading/receiving documents for up to date shipping information

INTERNATIONAL INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL), Australia (AICS).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Phosphoric acid	7664-38-2	X	X	-	X
Alcohol ethoxylates	68439-46-3	-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Phosphoric acid	7664-38-2	10 - 20%	5000		

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: E Corrosive material.



OTHER INFORMATION

Reason for revision: Not applicable
 Prepared by: NAPRAC
 Additional advice: None

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