

# SAFETY DATA SHEET

## CEM SPEED ADMIX



### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Supplier:</b>	Harris Group of Companies Willey, St. Michael Barbados, BB14006 Tel: 246-429-4840		
<b>Product Code and Name:</b>	14/1031 Cem Speed Admix		
<b>Manufacturer:</b>	Harris Group of Companies Willey, St. Michael, Barbados, BB14006		
<b>General Information:</b>	Technical Department Harris Paints Barbados (2003) Limited	Tel: (246) 429-4840 Fax: (246) 436-9544	E-Mail: <a href="mailto:technical@harrispaintsonline.com">technical@harrispaintsonline.com</a>
<b>Product Use:</b>	Admixtures for Concrete & Mortar - Building Products		
<b>Date of Preparation:</b>	February 15, 2021	Revision#: 2	

### SECTION 2: HAZARDOUS COMPOSITION OF INGREDIENTS AND INFORMATION

INGREDIENTS NAMES			COMPOSITION % (Wt/Gal.)
Common Name	Chemical Name	CAS No.	G-8240
Tributyl Phosphate	Phosphoric Acid Ttri-n-Butyl Ester	126-73-8	0.02
Methyl Alcohol, Methanol	Methanol	67-56-1	<0.01
Formaldehyde, Formalin	Formaldehyde	50-00-0	<0.01

### SECTION 3: HAZARDS IDENTIFICATION

<b>Physical State and Appearance:</b>	Liquid (Viscous)
<b>Emergency Overview:</b>	Inform medical persons of presence of Formaldehyde and Methanol in product
<b>Primary Routes of Exposure:</b>	Skin contact, Inhalation, Eye contact, Ingestion
<b>Possible Effects to Overexposure:</b>	<p><b>Skin contact:-</b> Irritation of skin. May aggravate pre-existing skin conditions.</p> <p><b>Inhalation:-</b> Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, dizziness and/or light-headedness, headache, nausea, asphyxiation.</p> <p><b>Eye contact:-</b> Irritation of eyes. Prolonged or repeated contact may cause</p>

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<p>conjunctivitis.</p> <p><b>Ingestion :-</b> Ingestion may cause mouth and throat irritation, gastro intestinal disturbances.</p>
<p><b>Medical condition aggravated by exposure:</b> Eye, skin, respiratory disorders, kidney disorders, central nervous system depression.</p>

SECTION 4: FIRST-AID MEASURES	
<b>Skin Contact:</b>	Flush skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.
<b>Inhalation:</b>	Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation caused eye watering, headaches, dizziness or other discomfort.
<b>Eye Contact:</b>	Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.
<b>Ingestion:</b>	Flush out mouth. If swallowed, do not induce vomiting. If victim is conscious give at least 2 glasses of water. Obtain medical treatment immediately.

SECTION 5: FIRE-FIGHTING MEASURES	
<b>Flammability of the product:</b>	Lower Explosive Limit: Not Known Upper Explosive Limit: Not Known
<b>Auto-Ignition Temperature:</b>	Not known
<b>Flash Points:</b>	Not known
<b>Fire Extinguishing Media:</b>	Use dry chemical, alcohol resistant foam, carbon dioxide
<b>Products of Combustion:</b>	Carbon dioxide, carbon monoxide, sodium oxide, other irritating gases
<b>Special Remarks on Fire Hazards:</b>	Contains highly toxic and flammable ingredients Methanol and Formaldehyde which emit toxic fumes under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES	
<b>Small Spill and Leak:</b>	Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with neutral absorbent materials such as clay. Place collected material in an appropriate container. Complete personal protective equipment must be used during clean-up.
<b>Large Spills and Leaks:</b>	Shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessel. Use absorbent to collect excess residue.

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SECTION 7: HANDLING AND STORAGE	
<b>Handling:</b>	Store cool at a constant temperature. Keep away from heat, sparks and open flames. Minimum: 1°C Maximum: 40°C.
<b>Storage:</b>	Plastic bottles.
<b>Other Precautions:</b>	Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes and breathing of vapours. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles. If such conditions cannot be avoided, use appropriate respiratory protection as directed under Exposure Control/Personal Protection. Empty containers may contain residues.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION			
Common Name	CAS No.	ACGHI-TLV 8-Hour TWA	OSHA-PEL 8-Hour TWA
Tributyl Phosphate	126-73-8	0.2 ppm	0.46 ppm
Methyl Alcohol, Methanol	67-56-1	200 ppm	200 ppm
Formaldehyde, Formalin	50-00-0	0.3 ppm	0.75 ppm
<b>Personal Protection</b>			
<b>Body</b>	Impervious clothing should be worn to eliminate possible skin irritation		
<b>Hands</b>	Impervious gloves such as neoprene or nitrile rubber gloves should be worn.		
<b>Respiratory</b>	Use in a well-ventilated area or provide local exhaust or ventilation to reduce vapours build up. Use of an appropriate NIOSH/MSHA approved or equivalent electrometric sealing surface face piece respirator outfitted with organic vapour cartridges.		
<b>Eyes</b>	Safety goggles or glasses recommended especially for overhead work. Face shield could be used to protect facial skin also.		
<b>N.B.: Keep running water sources on site in cases of emergency and for after work cleaning.</b>			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES			
<b>Physical State and Appearance:</b>	Liquid (viscous)	<b>Odour:</b>	Slight
<b>pH:</b>	Not available	<b>Colour:</b>	Brown tone
<b>Soluble/Insoluble:</b>	Soluble in water	<b>Viscosity:</b>	Not available
<b>Melting/Freezing Point:</b>	Not available	<b>Solubility:</b>	Not available
<b>Boiling/Condensation Point:</b>	Not available	<b>Critical Temperatures:</b>	Not available
<b>Specific Gravity:</b>	1.21 – 1.38	<b>Volatility:</b>	Not available
<b>Vapour Density:</b>	Not available	<b>Vapour Pressure:</b>	Not available
<b>Evaporation Rate:</b>	Not available		

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### SECTION 10: STABILITY AND REACTIVITY

**Stability and reactivity:** This product is stable. See Section 5 Fire Fighting Measures.

**Conditions to avoid:** Elevated temperatures, contact with oxidising agents, sparks, freezing, open flame

**Materials to avoid:** Oxidisers, acids.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Supplemental Health Information:** No additional effects are anticipated besides those mentioned in Section 5 Fire Fighting Measures. This product has not been listed by IARC, OSHA, ACGIH, DSL, TSCA but contains ingredients which may be toxic by ingestion, inhalation and through the skin.

**Carcinogenicity** IARC has classified formaldehyde as a possible carcinogen to humans based on sufficient evidence in animals and inadequate evidence in humans.

### SECTION 12: ECOLOGICAL INFORMATION

There is no data available on the product.

**General Note:** Do not allow undiluted product or large quantities of product to reach ground water, water courses or sewage systems.

### SECTION 13: DISPOSAL CONSIDERATION

Dispose of in accordance with all applicable regulations ensuring no contamination of surrounding environment.

### SECTION 14: TRANSPORTATION INFORMATION

**UN ID No.:**

This product not controlled or regulated under DOT, IATA.

**DOT: Classification:**

**IATA: Classification:**

### SECTION 15: REGULATORY INFORMATION

**Products**

As of the date of this SDS, this product was not being regulated or controlled.

**Product Components:**

**EINECS No.:** Tributyl Phosphate – 204-800-2, Formaldehyde – 231-867-5, Methanol – 200-659-6

**DSCL (EEC)**

**IARC** Formaldehyde - 2A

**SARA Title III**

**Section 311/312:** Methanol - Immediate (Acute) Health Hazard, Fire Hazard

**Section 313:** Methanol

**WHMIS:** Formaldehyde - Listed

Methanol - Listed

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DSL:	Methanol	-	Listed
TSCA:	Tributyl Phosphate	-	Listed
	Methanol	-	Listed

### SECTION 16: OTHER INFORMATION

The information contained herein is based on data available at the time of preparation of this data sheet and which is believed to be reliable. However, it is the users' responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. This information is given in good faith, but no warranty, expressed or implied is made.

This SDS complies with SDS requirements for Canada, the USA and the European Union and fulfils the ISO standards for format and content.