

Issuing date 25-Sep-2012

Revision Date 25-Aug-2014

Version 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name Cynamic Aqua Coat

Other means of identification

Product Code X005276
Document 005276CG1-4/ 005276CG5

Recommended use of the chemical and restrictions on use

Recommended use Wood Floor Finish.

Details of the supplier of the safety data sheet

Distributor

Cynamic Chemical
1472 Louis Bork Drive
Batavia, IL 60510

Emergency telephone number

24 Hour Emergency Phone Number INFOTRAC: 1-800-535-5053 (NORTH AMERICA)
1-352-323-3500 (INTERNATIONAL)

Company Phone Number 630-761-8770

2. HAZARDS IDENTIFICATION

Classification


OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Reproductive toxicity	Category 1B
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Label elements

Emergency Overview

Danger		
Hazard Statements May damage fertility or the unborn child		
		
Appearance Opaque	Physical state Liquid	Odor Mild

Precautionary Statements - Prevention

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required

Precautionary Statements - Response

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- IF ON SKIN: Wash with plenty of soap and water
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)**Other information**

- Harmful to aquatic life with long lasting effects
 - Harmful to aquatic life
- Unknown Acute Toxicity 21.922% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight-%	Trade Secret
Dibutyl phthalate	84-74-2	1% - 3%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice	Show this safety data sheet to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Inhalation	Remove to fresh air.
Ingestion	Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.

Most important symptoms/effects, acute and delayed

Main Symptoms The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with the skin and the eyes. Use personal protective equipment.

Environmental precautions

Environmental precautions Keep out of waterways. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Mop up & flush to sanitary sewer with plenty of water. Floors may be slippery. Use care to avoid falls. .

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Do not eat, drink or smoke when using this product. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place.

Incompatible products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Review Section 3 & 4 for Exposure Guidelines.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Dibutyl phthalate 84-74-2	TWA: 5 mg/m ³	TWA: 5 mg/m ³	IDLH: 4000 mg/m ³ TWA: 5 mg/m ³

NIOSH IDLH: *Immediately Dangerous to Life or Health*

Appropriate engineering controls

Engineering Measures None under normal use conditions

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Splash-proof chemical goggles or face shield.
Skin and body protection	Rubber gloves.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Hygiene measures	Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES
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Physical and chemical properties

Physical state	Liquid	Odor	Mild
Appearance	Opaque	Odor Threshold	No information available
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	8.5 ± 0.5	
Melting/freezing point	No information available	
Boiling point/boiling range	~ 100 °C / 212 °F	
Flash Point	No information available	
Evaporation rate	Similar to Water	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower flammability limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	1.031 ± 0.005	
Water solubility	Emulsifies Dispersible	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity, kinematic	No information available	
Viscosity, dynamic	No information available	
Explosive properties	No information available	
Oxidizing Properties	No information available	

Other information

Softening point	N/A
Molecular Weight	N/A
VOC Content(%)	< 10 %
Density VALUE	N/A
Bulk Density VALUE	N/A

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	May damage fertility or the unborn child
Inhalation	Not an expected route of exposure.
Eye contact	May cause irritation.
Skin contact	Prolonged skin contact may cause skin irritation.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Dibutyl phthalate 84-74-2	= 6300 mg/kg (Rat)	> 20 mL/kg (Rabbit)	> 15.68 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Mutagenic effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic toxicity	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 21.922% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	25367 mg/kg
ATEmix (dermal)	25245 mg/kg
ATEmix (inhalation-dust/mist)	68.6 mg/l

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a marine pollutant according to DOT. Dibutyl phthalate.

Ecotoxicity

21.988% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea

Diethylene glycol monoethyl ether 111-90-0	-	10000: 96 h Lepomis macrochirus mg/L LC50 static 13400: 96 h Salmo gairdneri mg/L LC50 flow-through 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through	-
Dibutyl phthalate 84-74-2	0.4: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.2: 72 h Desmodemus subspicatus mg/L EC50	1.24 - 5.3: 96 h Oncorhynchus mykiss mg/L LC50 static 1.38 - 1.74: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.42 - 1.28: 96 h Lepomis macrochirus mg/L LC50 static 0.31 - 5.45: 96 h Pimephales promelas mg/L LC50 static 1.24: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.71 - 1.2: 96 h Pimephales promelas mg/L LC50 flow-through	2.99: 48 h Daphnia magna mg/L EC50 Static 3.4: 48 h Daphnia magna mg/L EC50
Tributoxyethyl phosphate 78-51-3	-	10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-through	-

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Dibutyl phthalate 84-74-2	5.38

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

US EPA Waste Number This is a Commercial Chemical Product under 40 CFR 261. Any listed hazardous waste chemicals are not the sole active ingredient of the product, and thus the product is not considered a listed waste.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Dibutyl phthalate 84-74-2	U069	Included in waste stream: F039	-	U069

14. TRANSPORT INFORMATION

DOT Not regulated
Proper shipping name Cleaning Compound, Not Regulated
Marine Pollutant This product contains a chemical which is listed as a marine pollutant according to DOT. Dibutyl phthalate.

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %
Dibutyl phthalate - 84-74-2	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	no
Chronic Health Hazard	Yes
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Dibutyl phthalate 84-74-2	10 lb	X	X	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Dibutyl phthalate 84-74-2	10 lb	-	RQ 10 lb final RQ RQ 4.54 kg final RQ

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
Dibutyl phthalate - 84-74-2	Developmental Female Reproductive Male Reproductive

U.S. State Right-to-Know Regulations

This product contains substances regulated by state right-to-know regulations.

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 1	Flammability 0	Instability 0	Physical and chemical hazards -
<u>HMIS</u>	Health hazard 1	Flammability 0	Physical Hazards 0	Personal protection X
<i>Chronic Hazard Star Legend</i>	*			

Prepared By Cynamic Chemical
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Batavia, IL 60510

Issuing date 25-Sep-2012

Revision Date 25-Aug-2014

Revision Note

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet