

Safety Data Sheet

Prepared in Accordance with HPR (SOR/2015-17)

1. Identification of the Substance/Mixture and the Company/Undertaking

1.1	Product Identifier	0918B1NL				
	Product Name:	CARBOGUARD 1340 PART B	Revision Date:	10/07/2019		
1.2	Relevant identified uses of the substance or mixture and uses advised against	Component of multicomponent industrial coatings - Industrial use.	Supercedes Date:	05/23/2018		
1.3	Details of the supplier of the safety	data sheet				
	Importer:	StonCor Canada 95 Sunray Street Whitby, Ontario L1N 8Y3 Tel: 905-430-3333				
	Manufacturer:	Carboline Company 2150 Schuetz Road St. Louis, MO USA 63146				
		Regulatory / Technical Information Contact Carboline Technical Serv 1-800-848-4645				
	Datasheet Produced by:	Alotta, Vicki - ehs@stoncor.com				
1.4	Emergency telephone number:	CHEMTREC +1 703 5273887 (Ou	itside US)			

2. Hazard Identification

2.1 Classification of the substance or mixture

Acute Toxicity, Inhalation, category 2 Hazardous to the aquatic environment, Acute, category 1 Hazardous to the aquatic environment, Chronic, category 1 Reproductive Toxicity, category 1A Skin Corrosion, category 1 Skin Sensitizer, category 1

2.2 Label elements

Symbol(s) of Product



Signal Word

Danger

Named Chemicals on Label

BISPHENOL A, BENZYL ALCOHOL, DIETHYLENETRIAMINE, TOFA, REACTION PRODUCTS WITH TEPA, 4-NONYL PHENOL, BRANCHED

HAZARD STATEMENTS

Acute Toxicity, Oral, category 4 Acute Toxicity, Dermal, category 4 Skin Corrosion, category 1 Skin Sensitizer, category 1 Acute Toxicity, Inhalation, category 2 Reproductive Toxicity, category 1A	H302 H312 H314-1 H317 H330-2 H360-1A	Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Fatal if inhaled. May damage fertility or the unborn child.
Hazardous to the aquatic environment, Acute, category 1	H400	Very toxic to aquatic life.
Hazardous to the aquatic environment, Chronic, category 1	H410	Very toxic to aquatic life with long lasting effects.
PRECAUTION PHRASES		
	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P260	Do not breathe dust/fume/gas/mist/vapours/spray.
	P264	Wash hands thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/ face protection.
	P284	Wear respiratory protection.
	P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
	P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P302+352	IF ON SKIN: Wash with plenty of soap and water.
	P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P3 38	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.
		Continue rinsing.
	P308+P313	IF exposed or concerned: Get medical advice/attention
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P333+313	If skin irritation or rash occurs: Get medical advice/attention.
	P352	Wash with plenty of soap and water.
	P363	Wash contaminated clothing before reuse.
	P391	Collect spillage.
	P403+233	Store in a well-ventilated place. Keep container tightly closed.

2.3 Other hazards

No Information

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

3. Composition/Information On Ingredients

3.2 Mixtures

Hazardous Ingredients

CAS-No. 100-51-6 68953-36-6 111-40-0 80-05-7 84852-15-3	<u>Chemical Name</u> BENZYL ALCOHOL TOFA, REACTION PRODUCTS WIT DIETHYLENETRIAMINE BISPHENOL A 4-NONYL PHENOL, BRANCHED	H TEPA	<u>%</u> 50 - <75 10 - <25 2.5 - <10 2.5 - <10 1.0 - <2.5
<u>CAS-No.</u>	GHS Symbols	GHS Hazard Statements	M-Factors
100-51-6	GHS07	H302-312-319-332	0
68953-36-6	GHS05-GHS07-GHS09	H314-317-400-410	0
111-40-0	GHS05-GHS06	H302-312-314-317-330-335	0
80-05-7	GHS05-GHS07-GHS08-GHS09	H317-318-335-360-411	0
84852-15-3	GHS05-GHS07-GHS08-GHS09	H302-314-361-400-410	0

The text for GHS Hazard Statements shown above (if any) is given in Section 16.

4. First-aid Measures

Additional Information:

4.1 Description of First Aid Measures

AFTER INHALATION: Give oxygen or artificial respiration if needed. Remove person to fresh air. If signs/symptoms continue, get medical attention.

AFTER SKIN CONTACT: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation persists, call a physician.

AFTER EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. AFTER INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call a poison control centre or doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Irritating to eyes and skin. May be harmful if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

When symptoms persist or in all cases of doubt seek medical advice.

5. Fire-fighting Measures

5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Vapors may spread long distances and ignite.

5.2 Special hazards arising from the substance or mixture

No Information

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Evacuate personnel to safe areas. Use NIOSH approved respiratory protection. Use water spray to cool unopened containers.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

Please refer to disposal requirements or country specific disposal requirements for this material. See Section 13 for further information.

7. Handling and Storage

7.1 Precautions for safe handling

INSTRUCTIONS FOR SAFE HANDLING : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Prepare the working solution as given on the label(s) and/or the user instructions. Ensure all equipment is electrically grounded before beginning transfer operations. Do not get in eyes, on skin, or on clothing. Use only with adequate ventilation/personal protection. Avoid breathing vapors, mist or gas. Wash thoroughly after handling. **PROTECTION AND HYGIENE MEASURES :** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: Heat, flames and sparks. STORAGE CONDITIONS: Keep container closed when not in use. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

7.3 Specific end use(s)

No specific advice for end use available.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Ingredients with Occupational Exposure Limits (US)

Name	CAS-No.	<u>ACGIH TWA</u>	ACGIH STEL	ACGIH Ceiling
BENZYL ALCOHOL	100-51-6	N/E	N/E	N/E
TOFA, REACTION PRODUCTS WITH TEPA	68953-36-6	N/E	N/E	N/E
DIETHYLENETRIAMINE	111-40-0	1 PPM	N/E	N/E
BISPHENOL A	80-05-7	N/E	N/E	N/E
4-NONYL PHENOL, BRANCHED	84852-15-3	N/E	N/E	N/E
Name	CAS-No.	<u>OSHA PEL</u>	<u>OSHA STEL</u>	
BENZYL ALCOHOL	100-51-6	N/E	N/E	

TOFA, REACTION PRODUCTS WITH TEPA	68953-36-6	N/E	N/E
DIETHYLENETRIAMINE	111-40-0	4 MGM3, 1 PPM	N/E
BISPHENOL A	80-05-7	N/E	N/E
4-NONYL PHENOL, BRANCHED	84852-15-3	N/E	N/E

FURTHER INFORMATION: Refer to the regulatory exposure limits for the workforce enforced in each country.

8.2 Exposure controls

Personal Protection

RESPIRATORY PROTECTION: In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator. Use only with ventilation to keep levels below exposure guidelines reported in this document. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use State or federally approved supplied air respirator. For silica containing coatings in a liquid state, and/or if no exposure limits are established above, air-supplied respirators are generally not required.

EYE PROTECTION: Safety glasses with side-shields.

HAND PROTECTION: Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Impervious gloves. Request information on glove permeation properties from the glove supplier. Lightweight protective clothing

OTHER PROTECTIVE EQUIPMENT: Ensure that eyewash stations and safety showers are close to the workstation location. **ENGINEERING CONTROLS:** Avoid contact with skin, eyes and clothing. Use only in an area equipped with explosion proof exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties Appearance: Viscous Brown Liquid **Physical State** Liquid Odor Faint Amine Odor threshold N/D pН N/D Melting point / freezing point (°C) N/D Boiling point/range 149 F (65 C) - 500 F (260 C) Flash Point 206F (96C) Evaporation rate Slower Than Ether Not determined Flammability (solid, gas) Upper/lower flammability or explosive 1.3 - 36.0 limits N/D Vapour Pressure, mmHg Vapour density Heavier than Air **Relative density** Not determined Solubility in / Miscibility with water N/D Partition coefficient: n-octanol/water Not determined

	Auto-ignition temperature (°C)	Not determined
	Decomposition temperature (°C)	Not determined
	Viscosity	Unknown
	Explosive properties	Not determined
	Oxidising properties	Not determined
9.2	Other information	
	VOC Content g/I:	0
	Specific Gravity (g/cm3)	1.02

10. Stability and Reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.

11. Toxicological Information

11.1	11.1 Information on toxicological effects					
	Acute Toxicity:					
	Oral LD50:	N/D				
	Inhalation LC50:	N/D				
	Irritation:	Eye Irritation and Skin Irritation, category 2				
	Corrosivity:	Unknown				
	Sensitization:	Skin Sensitizer, category 1				
	Repeated dose toxicity:	Unknown				
	Carcinogenicity:	Unknown				
	Mutagenicity:	Unknown				
	Toxicity for reproduction:	Unknown				
	STOT-single exposure:	Unknown				
	STOT-repeated exposure:	Unknown				
	Aspiration hazard:	Unknown				

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50	Gas LC50	<u>Dust/Mist</u> LC50
100-51-6	BENZYL ALCOHOL	1230 mg/kg rat, oral	2000 mg/kg, dermal, rabbit	4176 mg/l / 4h, Inh, Rat		
68953-36-6	TOFA, REACTION PRODUCTS WITH TEPA	4750 mg/kg oral, rat		Not Available	0.000	0.000
111-40-0	DIETHYLENETRIAMINE	1080 mg/kg, oral, rat	1045 mg/kg, dermal, rabbit	0.07 mg/l, 4 hr, Inh, Rat	0.000	0.000
80-05-7	BISPHENOL A	11400 mg/kg, oral, rat	Not Available	Not Available	0.000	0.000
84852-15-3	4-NONYL PHENOL, BRANCHED	1620 mg/kg oral		Not Available	0.000	0.000

Additional Information:

No Information

12.1 Two total series of the series of	12. E	Ecol	ogical Information					
IC50 72hr (Algae): Unknown IC50 96hr (fish): Unknown 12.2 Persistence and degradability: Unknown 12.3 Bioaccumulative potential: Unknown 12.4 Mobility is soil: Unknown 12.5 Results of PBT and vPvB assessment: Unknown 12.6 Other adverse effects: Unknown 12.6 Stemical Name EC50 48hr IC50 72hr LC50 96hr 100-51-6 BENZYL ALCOHOL 230 mg/l (Daphnia) 700 mg/l (Algae) 10 mg/l (Fish) 100-51-6 BENZYL ALCOHOL 230 mg/l (Daphnia) 700 mg/l (Algae) 10 mg/l (Fish) 111-40-0 DIETHYLENETRIAMINE 230 mg/l (Daphnia) No information No information 111-40-0 DIETHYLENETRIAMINE 32 mg/l (Daphnia) No information No information 80-05-7 BISPHENOL A No information No information No information No information	12.1	Toxic	ty:					
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80-05-7 BISPHENOL A No information No information	68953-	36-6	TOFA, REACTION PRODUCTS WITH	TEPA	No information	No information	No information	
	111-40	-0	DIETHYLENETRIAMINE		32 mg/l (Daphnia)	1164 mg/l (Algae)	430 mg/l (Fish)	
84852-15-3 4-NONYL PHENOL, BRANCHED No information No information No information	80-05-7	7	BISPHENOL A		No information	No information	No information	
	84852-	15-3	4-NONYL PHENOL, BRANCHED		No information	No information	No information	

13. Disposal Considerations

13.1 WASTE TREATMENT METHODS: Do not burn, or use a cutting torch on, the empty drum. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

	•	
14.1	UN number	N/A
14.2	UN proper shipping name	Not Regulated
	Technical name	N/A
14.3	Transport hazard class(es)	None
	Subsidiary shipping hazard	N/A
14.4	Packing group	N/A
14.5	Environmental hazards	Unknown
14.6	Special precautions for user	Unknown
	EmS-No.:	Unknown
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Unknown

15. Regulatory Information

^{15.1} Safety, health and environmental regulations/legislation for the substance or mixture:

National Regulations:

Denmark Product Registration Number:	Unknown
Danish MAL Code:	Unknown
Sweden Product Registration Number:	Unknown
Norway Product Registration Number:	Unknown
WGK Class:	No Information

U.S. Federal Regulations: As follows -

CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Toxicity (any route of exposure), Reproductive toxicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>			
BISPHENOL A	80-05-7			
4-NONYL PHENOL, BRANCHED	84852-15-3			
Toxic Substances Control Act:				

All components of this product are either listed on the TSCA Inventory or are exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

International Regulations: As follows -

* Canadian DSL:

All chemical ingredients included on inventory (DSL)

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.

H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H360	May damage fertility or the unborn child.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Reasons for revision

No Information

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.