

# Safety Data Sheet

## 1. Identification

**Product Information:** B10C1100L5/S

**Product Name:** CEMSTAIN™ NEUTRAL TONER BASE

**Recommended Use:** Surface Preparation or Protection

**Supplied by:** CCI | Finishworks  
Division of RPM Wood Finishes Group, Inc.  
22 South Center Street  
Hickory, NC 28602  
USA

**Company Phone No:** (800) 522-8266

**Emergency Phone No. CHEMTREC:** (800) 424-9300

**International Emergency No. CHEMTREC:** (703) 527-3887 (Collect calls are accepted)

## 2. Hazards Identification

### GHS Classification

Acute Tox. 4, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 2, Skin Irrit. 2, STOT SE 3 NE

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Aspiration Hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin Irritation, category 2	H315	Causes skin irritation.
Eye Irritation, category 2	H319	Causes serious eye irritation.

### GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P403+P235	Store in a well-ventilated place. Keep cool.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P405	Store locked up.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P264	Wash hands thoroughly after handling.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

**GHS SDS PRECAUTIONARY STATEMENTS**

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

**3. Composition/Information on ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
pm acetate	108-65-6	10-25	GHS02-GHS07	H226-332
acetone	67-64-1	10-25	GHS02-GHS07	H225-302-336-319
methyl ethyl ketone	78-93-3	10-25	GHS02-GHS07	H225-332-336-319
octane	111-65-9	10-25	GHS02-GHS05- GHS07-GHS08	H225-304-315-336
mak	110-43-0	10-25	GHS02-GHS06	H226-302-331
isobutyl acetate	110-19-0	2.5-10	GHS02-GHS07	H225-332
dipropyl ketone	123-19-3	2.5-10	GHS02-GHS07	H226-332
isopropanol	67-63-0	2.5-10	GHS02-GHS07	H225-302-319-336
2,6-dimethyl-4-heptanone	108-83-8	1.0-2.5	GHS02-GHS06	H226-302-312-331-335
nonane	111-84-2	0.1-1.0	GHS02-GHS06	H226-301-332
methyl isobutyl ketone	108-10-1	0.1-1.0	GHS02-GHS06	H225-331-335-319

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

**4. First-aid Measures**

**FIRST AID - EYE CONTACT:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**FIRST AID - SKIN CONTACT:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**FIRST AID - INGESTION:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

**FIRST AID - INHALATION:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

## 5. Fire-fighting Measures

**SPECIAL FIREFIGHTING PROCEDURES:** Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazards while extinguishing the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited. DO NOT extinguish a fire resulting from the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

**FIREFIGHTING EQUIPMENT:** This is a NFPA/OSHA Class 1B or less flammable liquid. Follow NFPA30, Chapter 16 for fire protection and fire suppression. Use a dry chemical, carbon dioxide, or similar ABC fire extinguisher for incipient fires. Water may be used to cool and prevent rupture of containers that are exposed to heat from fire.

## 6. Accidental Release Measures

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

## 7. Handling and Storage



**HANDLING:** Avoid inhalation and contact with eyes, skin, and clothing. Wash hands thoroughly after handling and before eating or drinking. In keeping with safe handling practices, avoid ignition sources (smoking, flames, pilot lights, electrical sparks); ground and bond containers when transferring the material to prevent static electricity sparks that could ignite vapor and use spark proof tools and explosion proof equipment. Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury.

**STORAGE:** Keep containers closed when not in use. Store in cool well ventilated space away from incompatible materials.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
pm acetate	N.D.	N.D.	N.D.	N.D.
acetone	500 ppm	750 ppm	1000 ppm	N.D.
methyl ethyl ketone	200 ppm	300 ppm	200 ppm	N.D.
octane	300 ppm	N.D.	500 ppm	N.D.
mak	50 ppm	N.D.	100 ppm	N.D.
isobutyl acetate	150 ppm	N.D.	150 ppm	N.D.
dipropyl ketone	50 ppm	N.D.	N.D.	N.D.
isopropanol	200 ppm	400 ppm	400 ppm	N.D.
2,6-dimethyl-4-heptanone	25 ppm	N.D.	50 ppm	N.D.
nonane	200 ppm	N.D.	N.D.	N.D.
methyl isobutyl ketone	20 ppm	75 ppm	100 ppm	N.D.

**Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established N.D. = Not Determined**

## Personal Protection



**RESPIRATORY PROTECTION:** A NIOSH-approved air-purifying respirator with the appropriate cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air supplied respirator if there is potential for an uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.



**SKIN PROTECTION:** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.



**EYE PROTECTION:** Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.



**OTHER PROTECTIVE EQUIPMENT:** No Information



**HYGIENIC PRACTICES:** It is good practice to avoid contact with the product and/or its vapors, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Clear Liquid	<b>Physical State:</b>	LIQUID
<b>Odor:</b>	Strong Solvent	<b>Odor Threshold:</b>	Not determined
<b>Density, g/cm<sup>3</sup>:</b>	0.827	<b>pH:</b>	Not determined
<b>Freeze Point, °F:</b>	Not determined	<b>Viscosity:</b>	Not determined
<b>Solubility in Water:</b>	Not determined	<b>Partition Coefficient, n-octanol/ water:</b>	Not determined
<b>Decomposition temperature, °F:</b>	Not determined	<b>Explosive Limits, %:</b>	Not determined
<b>Boiling Range, °F:</b>	> 100 °F	<b>Flash Point, °F:</b>	-4 ° F
<b>Combustibility:</b>	Supports Combustion	<b>Auto-Ignition Temperature, °F:</b>	Not determined
<b>Evaporation Rate:</b>	Faster than Diethyl Ether	<b>Vapor Pressure, mmHg:</b>	Not determined
<b>Vapor Density:</b>	Not determined		

N.I. = No Information

## 10. Stability and reactivity

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Heat, flames and sparks.

**INCOMPATIBILITY:** Acids, Bases, Oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not determined.

## 11. Toxicological information



### Practical Experiences

**EMERGENCY OVERVIEW:** No Information

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** No Information

**EFFECT OF OVEREXPOSURE - INGESTION:** No Information

**EFFECT OF OVEREXPOSURE - INHALATION:** No Information

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** No Information

**CARCINOGENICITY:** No Information

**PRIMARY ROUTE(S) OF ENTRY:**

Eye Contact, Skin Contact, Ingestion, Inhalation

**Acute Toxicity Values**

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
108-65-6	pm acetate	8532 mg/kg Rat	>5000 mg/kg Rabbit	>20 mg/L
67-64-1	acetone	1800 mg/kg Rat	20000 mg/kg Rabbit	50.1 mg/L Rat
78-93-3	methyl ethyl ketone	2483 mg/kg Rat	5000 mg/kg Rabbit	>20 mg/l
111-65-9	octane	>5000 mg/kg	N.I.	118 mg/L Rat
110-43-0	mak	1600 mg/kg Rat	10282 mg/kg Rabbit	>16.7 mg/l
110-19-0	isobutyl acetate	15400 mg/kg Rat	>17400 mg/kg Rabbit	>20 mg/l
123-19-3	dipropyl ketone	3280 mg/kg Rat	4641 mg/kg Rabbit	>20 mg/l
67-63-0	isopropanol	1870 mg/kg Rat	4059 mg/kg Rabbit	72.6 mg/L Rat
108-83-8	2,6-dimethyl-4-heptanone	2000 mg/kg Rat	2000 mg/kg Rat	N.I.
111-84-2	nonane	218 mg/kg Mouse	N.I.	3200 mg/l Rat
108-10-1	methyl isobutyl ketone	2080 mg/kg Rat	3000 mg/kg Rabbit	8.2 mg/L Rat

N.I. = No Information

## 12. Ecological information

**ECOLOGICAL INFORMATION:** Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

## 13. Disposal Information



Product

**DISPOSAL METHOD:** Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

**DOT:** UN1263, PAINT, 3, II

**IATA:** UN1263, PAINT, 3, II

**IMDG:** UN1263, PAINT, 3, II

## 15. Regulatory Information

### U.S. Federal Regulations:

#### 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:

Fire Hazard, Acute Health Hazard

#### 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>
isopropanol	67-63-0

#### TOXIC SUBSTANCES CONTROL ACT

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

<u>Chemical Name</u>	<u>CAS-No.</u>
nonane	111-84-2

### U.S. State Regulations:

#### CALIFORNIA PROPOSITION 65 CARCINOGENS

WARNING: This product contains a chemical known to the State of California to cause cancer.

#### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

## 16. Other Information

Revision Date: 5/10/2015 Supersedes Date: 5/7/2015

Reason for revision: Regulatory Formula Source Changed  
Product Composition Changed

Datasheet produced by: Regulatory Department

#### HMIS Ratings:

Health:	2	Flammability:	3	Reactivity:	0	Personal Protection:	X
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Volatile Organic Compounds, gr/ltr: 824

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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.

- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

- GHS02 
- GHS05 
- GHS06 
- GHS07 
- GHS08 

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.