



Safety Data Sheet

CAROLINA BLUE CONCENTRATE (ST-230)

Section 1. Identification

Product Identifier	CAROLINA BLUE CONCENTRATE (ST-230)		
Synonyms	N/A		
Manufacturer Stock Numbers	N/A		
Recommended use	PRODUCT WILL NOT FREEZE WITH A DILUTION OF 12 TO 1 OR BELOW GLASS CLEANER/WINDSHIELD/WINDOW CLEANER		
Uses advised against	N/A		
Manufacturer Contact Address	JBS INDUSTRIES 2550 HENKLE DR LEBANON, OHIO, 45036 USA		
	Phone (513) 228-2800	Emergency Phone (800) 424-9300 CHEMTREC	Fax (513) 228-2810
	Email SBAETEN@JBSINDUSTRIES.COM		

Section 2. Hazards Identification

Classification	FLAMMABLE LIQUIDS - Category 2
Signal Word	Warning
Pictogram	
Hazard Statements	Highly flammable liquid and vapor
Precautionary Statements	
Response	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use carbon dioxide (CO2), powder, alcohol-resistant foam to

Prevention	<p>extinguish.</p> <p>Ground/bond container and receiving equipment.</p> <p>Keep away from heat.</p> <p>Keep container tightly closed.</p> <p>Take precautionary measures against static discharge.</p> <p>Use explosion-proof electrical/ventilating/lighting/equipment.</p> <p>Use only non-sparking tools.</p> <p>Wear protective gloves/eye protection/face protection</p>
Storage	Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container to comply with local, state, and federal regulations.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	N/A
	No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
	PROPRIETARY SUFACTANT BLEND	1% - 5%
67-56-1	Methanol	89% - Max

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin	Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing. Wash skin with soap and water. Get medical attention.
Ingestion	Do not induce vomiting. Give milk or water. Get immediate medical attention. Careful evacuation of stomach by medical personnel imperative.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon dioxide, dry chemical, or foam.
Unsuitable Extinguishing Media	Do not use water.
Fire fighting instructions	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Flammable Properties	Material will burn in a fire. Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flashpoint.

Section 6. Accidental Release Measures

Clean-up	Wear a self-contained breathing apparatus and appropriate Personal protection. (See Exposure Controls/Personal Protection section.) Avoid runoff into storm sewers and ditches which lead to waterways.
Collect	Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust.
Clean-up	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

Section 7. Handling and Storage

Handling	Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of. Do not get on skin and clothing. Use spark-proof tools and explosion-proof equipment. Follow all MSDS/label precautions even after container is emptied because they may retain product residues.
Storage	Keep away from food and drinking water.
Handling	Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse.
Storage	Store away from heat. Store in a cool place in original container and protect from sunlight.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL STEL	
	PROPRIETARY SUFACTANT BLEND	N/A	N/A	N/A
	Methanol	200 ppm (Skin)	200 ppm	250 ppm (Skin)
Personal Protective Equipment	Goggles, Gloves, SAFETY GLASSES			
Engineering controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Good general ventilation should be sufficient to control airborne levels.			
Other clothing	Nitrile rubber and PVC are not suitable protective materials; Neoprene is recommended.			

Section 9. Physical and Chemical Properties

Physical State	LIQUID
Color	BLUE COLOR
Odor	SLIGHT CHARACTERISTIC
Odor Threshold	2000-8800 PPM 2620- 11528 MG/M2
Solubility	Complete
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.79
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	113 degrees F
FP Method	N/A
Ph	7
Melting Point	-98 degrees C
Boiling Point	65 degress C
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	455 degrees C
Vapor Pressure	128 hPa
Vapor Density	N/A

Section 10. Stability and Reactivity

Conditions to Avoid	Direct sunlight, High Temperature, Incompatible materials, Open flame, Sparks, Overheating.
Incompatible Materials	Strong oxidizers, Strong bases, Strong acids, Peroxides, Acid anhydrides, Acid chlorides.
Hazardous Decomposition Products	Carbon dioxide. Carbon monoxide.
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR

Section 11. Toxicological Information

No Data Available

Section 12. Ecological Information

No Data Available

Section 13. Disposal

Clean-up Large spills should be contained and offered for disposal per state and/or local laws.

Section 14. Transport Information

UN Number 1230
UN Proper Shipping Name Methanol
DOT Classification 3
Packing Group PGII
FREIGHT CLASS 55

Section 15. Regulatory Information

Ingredient(s) - US Regulatory Information METHANOL SARA TITLE III - Section 313 Form "R"/Tri Reportable Chemical
SARA - ACUTE HEALTH HAZARD SARA - CHRONIC HEALTH HAZARD SARA-
FIRE HAZARD

Ingredient(s) - State Regulations METHANOL New Jersey - Workplace Hazard New Jersey - Enviromental Hazard
New Jersey - Special Hazard Pennsylvania - Workplace Hazard Massachusetts -
Hazardous Substance New York City - Hazardous Substance

Section 16. Other Information

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NFPA Health: 1 Fire: 2 Reactivity: 0 Other: 0

HMIS Health: 1 Fire: 2 Reactivity: 0 Personal Protection: B

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