

SAFETY DATA SHEET

cCRP control

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
Product Name	cCRP control
Product Number	111-100
Recommended Use and Restrictions on Use	Only used for control to measure cCRP
Company Identification	SKYLA CORPORATION HSINCHU SCIENCE PARK BRANCH (SKYLA CORPORATION H.S.P.B.) 1F, No.8, Dusing Rd., Hsinchu Science Park, East Dist., Hsinchu City, Taiwan

SECTION 2. HAZARDS IDENTIFICATION	
EMERGENCY OVERVIEW	
Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.	
HMIS RATING	
HEALTH	2
FLAMMABILIT	0
REACTIVITY	0
NFPA RATING	
HEALTH	2
FLAMMABILIT	0
REACTIVITY	0
For additional information on toxicity, please refer to Section 11.	

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS			
Single/Compound	Compound		
Ingredient	CAS#	Percent	SARA313
Sodium Azide	26628-22-8	0.09 w/v%	No
Non-Hazardous Components	None	99.91%	No

SECTION 4. FIRST AID MEASURES

ORAL EXPOSURE	If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.
INHALATION EXPOSURE	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
DERMAL EXPOSURE	In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
EYE EXPOSURE	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

SECTION 5. FIREFIGHTING MEASURES

FLASH POINT	N/A
AUTOIGNITION TEMP	N/A
FLAMMABILITY	N/A
EXTINGUISHING MEDIA	Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
FIREFIGHTING	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

METHODS FOR CLEANING UP	Ventilate area and wash spill site after material pickup is complete. Absorb on sand or vermiculite and place in closed containers for disposal.
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SECTION 7. HANDLING AND STORAGE

HANDLING	User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
STORAGE	Suitable: Keep tightly closed. Store at 2~10°C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS	Safety shower and eye bath. Mechanical exhaust required.
PERSONAL PROTECTIVE EQUIPMENT	
Respiratory	Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.
Hand	Compatible chemical-resistant gloves.
Eye	Chemical safety goggles.
GENERAL HYGIENE MEASURES	Wash thoroughly after handling. Wash contaminated clothing before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State: light yellow transparent
Property	liquid
Odor	None
Odor Threshold	Not Available
Melting Point/Freezing Poin	Essentially that of Water
Initial Boiling Point and Boiling Range	Essentially that of Water
Flash Point	Not Available
Evaporation Rate, 20°C	Not Available
Flammability (Solid/Gas)	Not Available
Explosive Limits: LEL	Not Available
UEL	Not Available
Vapor Pressure	Not Available
Vapor Density, 20°C	Not Available
Relative Density	1.0~1.1
Solubility	Soluble
Partition Coefficient (n-octanol/water)	Not Available
Auto Ignition Temperature (ASTM D1929)	Not Available
Decomposition Temperature	Not Available
Oxidizing Properties	None

Viscosity, Centipoise	Not Available
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SECTION 10. STABILITY AND REACTIVITY

STABILITY	
Stable	Stable.
Materials to Avoid	Dimethyl sulfate is incompatible with sodium azide, Acid chlorides, and Halogenated solvents Avoid contact with metals. Avoid contact with acid. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.
HAZARDOUS DECOMPOSITION PRODUCTS	
Hazardous Decomposition Products	Nature of decomposition products not known.
HAZARDOUS POLYMERIZATION	
Hazardous Polymerization	Will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTE OF EXPOSURE	
Skin Contact	May cause skin irritation.
Skin Absorption	May be harmful if absorbed through the skin.
Eye Contact	May cause eye irritation.
Inhalation	May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
Ingestion	May cause skin irritation.
Reproductive Toxicity	May be harmful if swallowed.
SIGNS AND SYMPTOMS OF EXPOSURE	
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	

SECTION 12. ECOLOGICAL INFORMATION

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION
Contact a licensed professional waste disposal service to dispose of this material.
Observe all federal, state, and local environmental regulations.

SECTION 14. TRANSPORTATION INFORMATION

DOT

Proper Shipping Name	None
Non-Hazardous for Transport	This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport	Non-hazardous for air transport.
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SECTION 15. REGULATORY INFORMATION

US CLASSIFICATION AND LABEL TEXT

US Statements	Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.
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UNITED STATES REGULATORY INFORMATION

SARA LISTED	No
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CANADA REGULATORY INFORMATION

WHMIS Classification	This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.
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DSL	No
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NDSL	No
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SECTION 16. OTHER INFORMATION

The above information is provided based on our best knowledge and information at the date of its publication. It does not represent any guarantee of this product. In case of special handling, carry out safety measures as appropriate for the application and method of use before attempting to use the substance with user's own responsibility. SKYLA CORPORATION H.S.P.B. shall not be held liable for any damage from use of this information or from use of this product.

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