



# THE METRO GROUP, INC.

*Servicing Water Systems with Environmental Care*

50-23 Twenty-Third Street  
Long Island City, NY 11101  
TEL: (718) 729-7200  
FAX: (718) 729-8677

## MATERIAL SAFETY DATA SHEET

DATE PREPARED: 7/18/00 SW

## 1. CHEMICAL PRODUCT IDENTIFICATION

### METRO CS CLEANER #35

General Use: **CLEANER AND TOWER LAYUP INHIBITOR**EMERGENCY TELEPHONE NUMBER:  
CHEMTREC 800-424-9300

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

EXPOSURE LIMITS 8 HRS. TWA (PPM)

<u>Component</u>	<u>Hazard</u>	<u>CAS#</u>	<u>OSHA STEL</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
<b>SODIUM PHOSPHATE TRIBASIC</b>	<b>IRRITANT</b>	<b>10101-89-0</b>	<b>NONE LISTED</b>	<b>NONE LISTED</b>	<b>NONE LISTED</b>
<b>SODIUM CARBONATE</b>	<b>IRRITANT</b>	<b>497-19-8</b>	<b>NONE LISTED</b>	<b>NONE LISTED</b>	<b>NONE LISTED</b>

## 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **THIS POWDERED PRODUCT MAY CAUSE SEVERE RESPIRATORY AND DIGESTIVE TRACT IRRITATION WITH POSSIBLE BURNS.**

## POTENTIAL HEALTH EFFECTS

INHALATION: **CORROSIVE TO MUCOUS MEMBRANES.**EYE CONTACT: **IRRITANT WITH POSSIBLE CORNEAL INJURY.**INGESTION: **CORROSIVE TO THE DIGESTIVE TRACT.**CHRONIC: **NONE**SKIN CONTACT: **IRRITATING TO THE EYES.**TARGET ORGANS: **POINT OF CONTACT.**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: **N.D.**

## 4. FIRST AID MEASURES

INHALATION: **REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF DISCOMFORT PERSISTS.**SKIN CONTACT: **WASH WITH SOAP AND WATER.**EYE CONTACT: **RINSE WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.**INGESTION: **RINSE MOUTH WITH WATER AND DRINK 2 GLASSES OF WATER. GET MEDICAL ATTENTION.**NOTES TO PHYSICIAN: **NONE**

## 5. FIRE FIGHTING MEASURES

Flashpoint (°F) and Method: **DOES NOT BURN**Autoignition Temperature (°F): **N/A**FLAMMABLE LIMITS: Ingredient: **NONE**UEL: **N/A**LEL: **N/A**GENERAL HAZARD: **IRRITANT**FIRE FIGHTING EQUIPMENT: **WEAR SELF CONTAINED BREATHING APPARATUS.**

## FIRE FIGHTING INSTRUCTIONS:

## EXTINGUISHING MEDIA:

Foam: **YES**Alcohol Foam: **YES**CO2: **YES**Dry Chemical: **YES**Water: **YES**Other: **NONE**HAZARDOUS COMBUSTION PRODUCTS: **OXIDES OF PHOSPHOROUS AND SODIUM.**

## NATIONAL FIRE PROTECTION ASSOCIATION HAZARD RATINGS:

0 – Insignificant

1 – Slight

2 – Moderate

3 – High

4 – Extreme

U – Unknown

\* – No Information

Health: **:2**Flammability: **:0**Reactivity: **:0**SPECIAL INFORMATION: **NONE**

N/A: Not Applicable

N/D: Not Determined

N/E: Not Established

\* Where no corresponding data was contained in manufacturer's MSDS, additional research is required and is available upon request.

E-mail: [info@metrogroupinc.com](mailto:info@metrogroupinc.com)

**Responsible Care™**  
*Good Chemistry at Work*



# THE METRO GROUP, INC.

*Servicing Water Systems with Environmental Care*

PRODUCT: **METRO CS CLEANER #35**

DATE PREPARED: 7/18/00 SW

## 6. ACCIDENTAL RELEASE MEASURES

LAND SPILL: **COLLECT AND DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL GUIDELINES.**

WATER SPILL: **COLLECT AND CONTACT THE APPROPRIATE AUTHORITIES.**

## 7. HANDLING AND STORAGE

STORAGE TEMPERATURE (°F): **ROOM TEMPERATURE**

STORAGE PRESSURE: **ATMOSPHERIC**

GENERAL: **STORE IN A COOL, DRY AREA. KEEP CONTAINER CLOSED AND WASH AFTER HANDLING.**

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: **LOCAL EXHAUST – USE WITH ADEQUATE VENTILATION.**

PERSONAL PROTECTION: **GOGGLES**

RESPIRATOR: **DUST MASK**

PROTECTIVE CLOTHING: **RUBBER GLOVES**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure (mmHg)	:	N/A	pH	:	11.0 – 13.0
Specific Gravity (Water=1)	:	N.D.	Odor	:	NONE
Solubility in Water	:	PARTIAL	Appearance	:	WHITE
Freezing Point	:	N/A	Physical State	:	GRANULAR POWDER
Evaporation Rate (BuAc=1)	:	N/A	Vapor Density (Air=1)	:	N/A
Viscosity	:	N/A	Percent Volatile by Vol	:	N.D.
Boiling Point (°F)	:	N/A			

## 10. STABILITY AND REACTIVITY

GENERAL: **STABLE**

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: **ACIDS AND OXIDIZERS.**

HAZARDOUS DECOMPOSITION PRODUCTS: **NONE**

## 11. TOXICOLOGICAL INFORMATION

CARCINOGENIC INFORMATION: **N/E**

CAS#: **NONE**

% WT.: **N/A**

IARC: **NOT LISTED**    NTP: **NOT LISTED**    OSHA: **NOT LISTED**    ACGIH: **NOT LISTED**    OTHER: **NOT LISTED**

## 12. ECOLOGICAL INFORMATION: **N.D.**

## 13. DISPOSAL CONSIDERATION

RCRA Hazard Class: **NOT LISTED**

## 14. TRANSPORT INFORMATION:

DOT (Department of Transportation)

Proper Shipping Name: **ORM-E**

Hazard Class: **NONE**

Identification Number: **NONE**

## 15. REGULATORY INFORMATION

TSCA (Toxic Substance Control Act): **ALL COMPONENTS USED ARE LISTED IN THE TSCA INVENTORY.**

CERCLA (Comprehensive Environmental Response Compensation, and Liability Act)

**THIS PRODUCT CONTAINS SODIUM PHOSPHATE, TRIBASIC AND SHOULD BE REPORTED IF MORE THAN 8,333 POUNDS ARE RELEASED.**

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: **IMMEDIATE HEALTH HAZARD**

313 Reportable Ingredients: **NONE LISTED**

## 16. OTHER INFORMATION

REFERENCE: **PRODUCT FILE #F1066**

THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL. IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE.

N/A: Not Applicable

N/D: Not Determined

N/E: Not Established

\* Where no corresponding data was contained in manufacturer's MSDS, additional research is required and is available upon request.

E-mail: [info@metrogroupinc.com](mailto:info@metrogroupinc.com)

