

9C 0779

# CLOSE SYSTEM CORROSION INHIBITOR

## MATERIAL SAFETY DATA SHEET

DEPARTMENT OF LABOR AND INDUSTRIES  
INDUSTRIAL HYGIENE SECTION  
P.O. BOX 1190 / OLYMPIA, WA 98504  
(206) 753-6497

COMPLIES WITH WAC 296-62-05413  
PREPARATION REVISION DATE  
6/90



MANUFACTURER'S NAME: CHECO, Inc.  
 ADDRESS (Number, Street, City, and ZIP Code): (206) 943-6063  
 P.O. Box 1190 / Olympia, WA 98507  
 EMERGENCY TELEPHONE NO.: 1-800-424-9500  
 CHEMICAL NAME: See Section II; below  
 COMMON NAME: 3439  
 CHEMICAL FAMILY: Mixture  
 FORMULA: Proprietary

| SECTION II HAZARDOUS INGREDIENTS                 |   | APPLICABLE EXPOSURE LIMITS |                      |
|--|---|----------------------------|----------------------|
| CHEMICAL AND COMMON NAME                         | % | PEL-WISMA/OSHA             | TLV-ACGIH            |
| Sodium Nitrite; CAS#: 7632-00-0                  |   | 15 mg/m <sup>3</sup>       | 10 mg/m <sup>3</sup> |
| Sodium Nitrate; CAS#: 7631-99-4                  |   | 15 mg/m <sup>3</sup>       | 10 mg/m <sup>3</sup> |
| Sodium Tetraborate Pentahydrate; CAS#: 1303-96-4 |   |                            | 5 mg/m <sup>3</sup>  |
| Sodium Polytriazole; CAS#: 64665-57-2            |   |                            | None Established     |
| Benzotriazole; CAS#: 95-14-7                     |   |                            | None Established     |

| SECTION III HAZARDOUS INGREDIENTS |   | APPLICABLE EXPOSURE LIMITS |           |
|-----------------------------------|---|----------------------------|-----------|
| CHEMICAL AND COMMON NAME          | % | PEL-WISMA/OSHA             | TLV-ACGIH |
| None                              |   |                            |           |

| SECTION IV HAZARDOUS INGREDIENTS |   | APPLICABLE EXPOSURE LIMITS |           |
|----------------------------------|---|----------------------------|-----------|
| CHEMICAL AND COMMON NAME         | % | PEL-WISMA/OSHA             | TLV-ACGIH |
| None                             |   |                            |           |

### SECTION VII EXPOSURE CONTROL INFORMATION

Special Precaution (When Used): Not required; recommended if mists are generated.

Local Exhaust Fans: Local exhaust fans.

Respiratory Protection: None.

Eye Protection: Safety goggles or glasses required.

Protective Clothing: Protective clothing as necessary to minimize contact with concentrated product.

### SECTION VIII SPECIAL PRECAUTIONS

Eye Wash: Eye wash fountain recommended in work areas.

Never touch face with hands or gloves that may be contaminated with product.

Wash hands after handling product.

Do not mix or store with acids, ammonium salts, cyanides, amines or reducing agents.

### SECTION IX STORAGE AND HANDLING

Keep out of the reach of children.

Close container tightly after each use.

### SECTION X INFORMATION ON THIS SHEET

The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described in the Product Data Sheet is the responsibility of the user.

| SECTION XI REGULATORY INFORMATION |                   |
|-----------------------------------|-------------------|
| REGULATORY AGENCY                 | REGULATORY STATUS |
| OSHA                              | None              |
| WISMA                             | None              |

SECTION III HEALTH HAZARD DATA

HEALTH EFFECTS

Inhalation of mists may irritate the respiratory tract. Skin contact with concentrated product may cause irritation. Ingestion will be irritating.

SPECIAL HEALTH EFFECTS

None known.

ROUTE OF ENTRY

Ingestion, inhalation (mist), skin contact.

LOCAL CONDITIONS AGGRAVATED BY EXPOSURE

Pre-existing cardiovascular or bone marrow diseases.

PREVENTIVE AND FIRST AID PROCEDURES

Eyes: Immediately flush with water for at least 15 minutes. Call a physician if irritation persists. Skin: Flush with plenty of soap and water. Remove contaminated clothing and launder before reuse. Ingestion: Induce vomiting by giving two glasses of water and sticking finger down throat. Call a physician immediately. Never give anything by mouth to an unconscious person. Inhalation: Remove victim to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SECTION IV CHEMICAL DATA

|                        |             |                                |           |
|------------------------|-------------|--------------------------------|-----------|
| BOILING POINT (°F)     | Above 212°F | SPECIFIC GRAVITY (20/20)       | 1.07-1.21 |
| VAPOR PRESSURE (mm Hg) | Unknown     | PERCENT VOLATILE BY VOLUME (%) | 70+       |
| DENSITY (20/20)        | Unknown     | EVAPORATION RATE (_____)       | Unknown   |

Solubility (Specify Solvents) Complete in water.

APPEARANCE

Clear to light yellow liquid; mild odor.

SECTION V PHYSICAL HAZARD DATA

FLASH POINT (MATERIAL)

None-Determinable

EXTINGUISHING MEDIA

Water or CO<sub>2</sub>.

SPECIAL FIRE FIGHTING PROCEDURES

Fire fighters should wear self-contained breathing apparatus and full protective clothing.

GENERAL FIRE AND EXPLOSION HAZARDS

Strong oxidizer when water is removed. Combustible materials may catch fire more easily after being wet with this material and then dried. Fires are difficult to extinguish. Releases oxygen and toxic nitrogen oxide gases at high temperatures.

HAZARDOUS POLYMERIZATION

NO POLYMERIZATION (MATERIAL IS STABLE)

Acids, ammonium salts, amines, activated carbon, cyanides, reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Nitrogen oxide gases. May react with secondary or tertiary amines to produce nitrosamines.

|                          |                |   |
|--------------------------|----------------|---|
| HAZARDOUS POLYMERIZATION | MAY OCCUR      |   |
|                          | WILL NOT OCCUR | X |
| STABILITY                | UNSTABLE       |   |
|                          | STABLE         | X |

SPECIAL PRECAUTIONS FOR DISPOSAL

Flush area with plenty of water after removing spillage.

SECTION VI SPILL OR LEAK PROCEDURES

Flush area with plenty of water after removing spillage.

Recycle any possible product for reuse. Containers contaminated product for disposal.

WASTE DISPOSAL METHOD

Dispose of all wastes in accordance with local, state and federal regulations.