

SAFETY DATA SHEET

M31032 NA_EN



Occidental Chemical Corporation

A subsidiary of Occidental Petroleum Corporation



CYANURIC ACID, DRY

MSDS No.: M31032

Rev. Date: 03-Feb-2012

Rev. Num. 03

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | |
|--|---|
| Company Identification: | Occidental Chemical Corporation 5005 LBJ Freeway P.O. Box 809050 Dallas, TX 75380-9050 |
| 24 Hour Emergency Telephone Number: | 1-800-733-3665 or 1-972-404-3228 (U.S.); 32.3.575.55.55 (Europe); 1800-033-111 (Australia) |
| To Request an SDS: | MSDS@oxy.com or 1-972-404-3245 |
| Customer Service: | 1-800-752-5151 or 1-972-404-3700 |
| Synonyms: | 1,3,5-Triazine-2,4,6 (1H,3H,5H)-trione, CYA, Cyanuric acid, 2,4,6-Trihydroxy-s-triazine, Isocyanuric acid, Symmetrical triazinetrione |
| Product Use: | Chlorine stabilizer for swimming pools, Flame retardant, Chemical Intermediate |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

| | |
|------------------------|-------------------------|
| Color: | White to off-white |
| Physical State: | Solid, Granules, Powder |
| Odor: | Odorless |
| Signal Word: | <u>CAUTION</u> |

MAJOR HEALTH HAZARDS: MAY BE IRRITATING TO EYES.

PRECAUTIONARY STATEMENTS: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

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POTENTIAL HEALTH EFFECTS:

Inhalation: No known effects.

Skin contact: May cause slight skin irritation..

Eye contact: May cause mild eye irritation.

Ingestion: No known effects.

Chronic Effects: Based on animal studies, exposure to concentrations of monosodium cyanurate at the solubility limit may cause cardiovascular, kidney and urinary bladder effects.

See Section 11: TOXICOLOGICAL INFORMATION

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | Percentage | CAS Number |
|---------------|------------|------------|
| Cyanuric acid | 98 - 100 | 108-80-5 |

4. FIRST AID MEASURES

INHALATION: If adverse effects occur, remove to uncontaminated area. IF SYMPTOMS OF OVEREXPOSURE OCCUR, GET MEDICAL ATTENTION.

SKIN CONTACT: Wash contaminated areas with soap and water. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

EYE CONTACT: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissues. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

INGESTION: No effect expected. IF LARGE AMOUNTS ARE INGESTED, GET MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Fire Hazard: Negligible fire hazard.

Extinguishing Media: Use extinguishing agents appropriate for surrounding fire.

Fire Fighting: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Wear NIOSH approved positive-pressure self-contained breathing apparatus operated in pressure demand mode.

Sensitivity to Mechanical Impact: Not sensitive.

Sensitivity to Static Discharge: Not sensitive.

Flash point: Not applicable

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Hazardous Combustion Products: Cyanic acid, Ammonia, Oxides of carbon, Oxides of nitrogen

6. ACCIDENTAL RELEASE MEASURES

Occupational Release: Collect spilled material in appropriate container for disposal. Avoid generating dust. Keep out of water supplies and sewers. Releases should be reported, if required, to appropriate agencies.

7. HANDLING AND STORAGE

Storage Conditions: Store and handle in accordance with all current regulations and standards. Store in a cool, dry area. Store in a well-ventilated area. Keep separated from incompatible substances (see Section 10 of SDS).

Handling Procedures: Wash thoroughly after handling. Use only in well-ventilated areas. Use methods to minimize dust.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Regulatory Exposure Limit(s): None

ENGINEERING CONTROLS: General or local exhaust ventilation and other forms of engineering controls are the preferred means for controlling exposures. Ensure compliance with applicable exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

Eye Protection: If eye contact is likely, wear chemical resistant safety goggles.

Skin and Body Protection: Wear appropriate clothing to avoid skin contact. Contaminated clothing should be removed and laundered before reuse.

Hand Protection: Wear appropriate chemical resistant gloves

Protective Material Types: Butyl rubber, Natural rubber, Neoprene, Nitrile, Polyvinyl chloride (PVC)

Respiratory Protection: No personal respiratory protective equipment normally required. A NIOSH approved full-face respirator equipped with N95 (dust, fume, mist) cartridges may be permissible when symptoms have been observed that are indicative of overexposure. A respiratory protection program that meets 29 CFR 1910.134 must be followed whenever workplace conditions warrant use of a respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------|-------------------------|
| Physical State: | Solid, Granules, Powder |
| Color: | White to off-white |
| Odor: | Odorless |
| Molecular Weight: | 129.08 |

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13. DISPOSAL CONSIDERATIONS

Reuse or recycle if possible. Dispose in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

U.S. DOT 49 CFR 172.101:

Status: Not regulated.

CANADIAN TRANSPORTATION OF DANGEROUS GOODS:

Status: Not regulated.

15. REGULATORY INFORMATION

U.S. REGULATIONS

- **OSHA REGULATORY STATUS:** This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
- **CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):** Not regulated
- **EPCRA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):** Not regulated
- **EPCRA SECTIONS 311/312 HAZARD CATEGORIES (40 CFR 370.10):** None
- **EPCRA SECTION 313 (40 CFR 372.65):** Not regulated
- **OSHA PROCESS SAFETY (PSM) (29 CFR 1910.119):** Not regulated

NATIONAL INVENTORY STATUS

- **U.S. INVENTORY STATUS: Toxic Substance Control Act (TSCA):** All components are listed or exempt
- **TSCA 12(b):** This product is not subject to export notification
- **Canadian Chemical Inventory:** All components of this product are listed on either the DSL or the NDSL.

STATE REGULATIONS

| Component | Cyanuric acid |
|---|---------------|
| California Proposition 65 Cancer WARNING: | Not Listed |
| Massachusetts Right to Know Hazardous Substance List | Not Listed |
| New Jersey Right to Know Hazardous Substance List | Not Listed |
| New Jersey Special Health Hazards Substance List | Not Listed |
| New Jersey - Environmental Hazardous Substance List | Not Listed |
| Pennsylvania Right to Know Hazardous Substance List | Not Listed |
| Pennsylvania Right to Know Special Hazardous Substances | Not Listed |

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| Pennsylvania Right to Know Environmental Hazard List | Not Listed |
| Rhode Island Right to Know Hazardous Substance List | Not Listed |

CANADIAN REGULATIONS

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS Classification: Not a controlled product under Canada's Workplace Hazardous Information System.

16. OTHER INFORMATION

Prepared by: OxyChem Corporate HESS - Health Risk Management

HMIS: (SCALE 0-4) (Rated using National Paint & Coatings Association HMIS: Rating Instructions, 2nd Edition)

Health: 1 **Flammability:** 0 **Reactivity:** 0

NFPA 704 - Hazard Identification Ratings (SCALE 0-4)

Health: 1 **Flammability:** 0 **Reactivity:** 0

Reason for Revision:

- Three year review
- Physical State information has been revised: SEE SECTIONS 2 and 9
- Updated Potential Health Effects: SEE SECTION 2
- Updated Physical and Chemical Properties: SEE SECTION 9
- Toxicological Information has been revised: SEE SECTION 11
- Ecological Information has been modified: SEE SECTION 12
- Regulatory Information Changes: SEE SECTION 15

IMPORTANT:

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OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Safety Data Sheet available to your employees.

End of Safety Data Sheet

