

MATERIAL SAFETY DATA SHEET from STEARNS PACKAGING CORPORATION

SECTION I—PRODUCT/MANUFACTURER'S IDENTITY

IDENTITY (As Used On Label and List):

Sanitergent Mark X Pipeline Cleaner

SYNONYMS: ST-10, ST-18, ST-21
Pipeline Cleaner Mark X

FORMULA ID NUMBER: UP-20

EPA REG #: None

NSF CERTIFIED: None

COMPANY: STEARNS PACKAGING CORPORATION
ADDRESS: 4200 Sycamore Ave. (53714), P.O. Box 3216
Madison, Wisconsin (WI) 53704-0216
PHONE: 1 (608) 246-5150
FAX: 1 (608) 246-5149
INTERNET: www.stearnspkg.com
EMAIL: stearns@stearnspkg.com

| HAZARD RATING | | |
|---------------|----------------|-------------------|
| 0 | Flammability | 4 = Extreme |
| 2 | Health | 3 = High |
| 1 | Reactivity | 2 = Moderate |
| None | Special Hazard | 1 = Slight |
| | | 0 = Insignificant |

For Transportation Emergency Involving Hazardous Materials Contact: CHEM-TEL 1 (800) 255-3924

Shipping Information:
DOT SHIPPING NAME: Compound cleaning, NOI, powder. Item 48581, Sub. 2, Class 85
DOT SHIPPING NUMBER: None
HAZARD LABEL: None
HAZARD CLASS: None

SECTION II—HAZARDOUS INGREDIENTS OR IDENTITY INFORMATION

HAZARDOUS CHEMICAL IDENTITY &

| <u>CAS#</u> | <u>HAZARD</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>OTHER LIMITS</u> | <u>% (OPTIONAL)</u> |
|---|--------------------|--|--|---------------------|---------------------|
| ▶ Sodium metasilicate anhydrous 6834-92-0 | Corrosive | | | | |
| ▶ Sodium tripolyphosphate 7758-29-4 | Irritant | | | | |
| ▶ Sodium dichloro-S-triazine trione 51580-86-0 | Corrosive/Oxidizer | 3mg/m ³ – 15 min STEL 1.5 mg/m ³ – 8 hr TWA (for chlorine) | 3mg/m ³ – 15 min STEL 1.5 mg/m ³ – 8 hr TWA (for chlorine) | | |

SARA SECTION 313 TITLE III NOTIFICATION REQUIRED: No; CHEMICAL IN PRODUCT: None; CAS#: N/A; WEIGHT % OF CHEM: N/A

SECTION III—PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|------------------------------------|--|--------------------------------|----------------|
| BOILING POINT: | Not Applicable | VAPOR PRESSURE (mm Hg): | Not Applicable |
| SPECIFIC GRAVITY (WATER=1): | Not Applicable | VAPOR DENSITY (AIR=1): | Not Applicable |
| MELTING POINT: | Partially decomposes @ 240-250°C | EVAPORATION RATE: | Not Applicable |
| SOLUBILITY IN WATER: | Complete | pH (CONCENTRATE): | Not Determined |
| APPEARANCE AND ODOR: | White granules and powder Chlorine odor | pH (1% SOLUTION): | 11.7 |

SECTION IV—FIRE AND EXPLOSION HAZARD DATA

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| FLASH POINT (METHOD USED): | Non-combustible, >200°F |
| EXTINGUISHING MEDIA: | Use water spray to cool containers exposed to fire and massive amounts of water to dilute material involved in fire or spill. |
| FLAMMABLE LIMITS: | LEL: Not Applicable UEL: Not Applicable |
| SPECIAL FIRE FIGHTING PROCEDURES: | Use full protective clothing and NIOSH/MSHA approved self-contained breathing apparatus where this material is involved in a fire. |
| FIRE & EXPLOSION HAZARDS: | None |

SECTION V—REACTIVITY DATA

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| STABILITY: | Stable |
| INCOMPATIBILITY (MATERIALS TO AVOID): | Oxidizing and chlorinating agents, organic materials, ammonia, ammonium salts, hydrated salts, non-ionic surface active agents, acids, bases, urea. |
| HAZARDOUS DECOMPOSITION OR BYPRODUCTS: | Nitrogen trichloride, chlorine, carbon monoxide, cyanogen chloride. |
| CONDITIONS TO AVOID: | Freezing and extremes of heat |
| HAZARDOUS POLYMERIZATION: | Will not occur |

SECTION VI—HEALTH HAZARD DATA/FIRST AID PROCEDURES

HEALTH HAZARDS (ACUTE AND CHRONIC): Mildly alkaline; may cause burning to eyes and respiratory passages. Possible irritant to skin over prolonged periods of exposure.

CARCINOGENICITY: NTP: No
IARC Monographs: No
OSHA Regulated: No

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities and other mucous membranes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No data available.

EMERGENCY AND FIRST AID PROCEDURES:

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| Eyes: | If contact with eyes occurs, flush with plenty of cool water for 15 minutes. Consult a physician. |
| Skin: | May be irritating to skin. If contact occurs, flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician. |
| Inhalation: | Remove from exposure. Obtain medical attention immediately. |
| Ingestion: | May be harmful if swallowed. If ingested, drink large amounts of water or milk. DO NOT induce vomiting. Get medical attention immediately. Avoid contamination of foods. |
| Note to Physician: | No specific antidote. Use supportive care. Treatment should be based on judgment of the physician in response to the reactions of the patient. |

SECTION VII—PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Wear goggles, coveralls, impervious gloves and boots. Clean up in a manner to minimize contamination with organic material. Do not return material to original container. Wear NIOSH/MSHA approved breathing apparatus if exposed to large quantities of dust. Flush any residual material with large quantities of water.

WASTE DISPOSAL METHOD: Waste disposal must be done in accordance with all local, city or municipality, county, state, and federal regulations. Consult your state department of natural resources or the EPA for specific questions not answerable through other sources. Wastewater should never enter a fresh water body without treatment.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents. Avoid contact with dust. Avoid storage in hot, unventilated areas.

OTHER PRECAUTIONS: Always keep product out of the reach of children. For industrial use only.

SECTION VIII—OTHER REGULATORY INFORMATION

SECTION IX—CONTROL MEASURES

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| RESPIRATORY PROTECTION: | In general, respirators are not needed if the product is used in a well-ventilated area. |
| VENTILATION: Local Exhaust: | Recommended for control of dusts. |
| Mechanical (General): | Recommended for control of dusts. |
| SKIN PROTECTION: | Neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact. |
| EYE PROTECTION: | Splash goggles, or safety glasses if splashing is not a concern. |
| WORK/HYGIENIC PRACTICES: | As good hygiene dictates. |

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