

CHLORITE

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PRODUCT NAME: CHLORITE

TRADE SECRET REGISTRY #307554-5523P

HMIS CODES: H F R P

UN NUMBER : 8, UN2693, PGIII

1 0 1 B

## ===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: PARISER INDUSTRIES

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NAME OF PREPARER : ENVIRONMENTAL

DEPARTMENT

## ===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
PYROSULFUROUS ACID, DISODIUM SALT NOT ESTABLISHED	7681-57-4	N/A N/A 30	

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*

## ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

pH 1% SOLUTION : 4.3

BOILING RANGE: 150°C

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.11

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

COATING V.O.C.: NOT APPLICABLE

MATERIAL V.O.C.: NOT APPLICABLE

SOLUBILITY IN WATER: SOLUBLE

APPEARANCE AND ODOR: CLEAR LIGHT YELLOW

## ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT : NONE

METHOD USED: n/a

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a

UPPER: n/a

EXTINGUISHING MEDIA: FOR FIRES INVOLVING THIS PRODUCT, WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL MAY BE USED.

## SPECIAL FIREFIGHTING PROCEDURES

WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WHEN EITHER IN CONFINED AREAS OR EXPOSED TO COMBUSTION PRODUCTS. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED POSITIVE-PRESSURE BREATHING APPARATUS AND AVOID SKIN CONTACT

## ===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

TEMPERATURES AT OR NEAR BOILING (104°C) CAUSE EVOLUTION OF TOXIC AND CORROSIVE SULFUR DIOXIDE. (SULFUR DIOXIDE ALSO WILL EVOLVE SLOWLY AT AMBIENT TEMPERATURES)

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH ACIDS AND STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

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SULFUR DIOXIDE GAS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## ===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
MAY CAUSE IRRITATION OF THE NOSE AND THROAT. HIGH CONCENTRATION MAY CAUSE  
COUGHING AND CHOKING.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
CONTACT WITH SOLUTION WILL CAUSE IRRITATION. MIST WILL IRRITATE OR BURN EYES.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
NONE DETERMINED

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
MAY IRRITATE GASTROINTESTINAL TRACT. MAY CAUSE SEVERE OR DEADLY ALLERGIC  
REACTIONS IN SOME ASTHMATICS AND SULFITE SENSITIVE PATIENTS.

HEALTH HAZARDS (ACUTE AND CHRONIC)  
SEE ABOVE

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE  
MAY AGGRAVATE EXISTING SKIN AND/OR EYE CONDITIONS ON CONTACT.

## EMERGENCY AND FIRST AID PROCEDURES

INGESTION: IF PATIENT IS FULLY CONSCIOUS, GIVE 2 GLASSES OF WATER. INDUCE  
VOMITING. OBTAIN MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH  
SKIN WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.  
INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH WITH WATER AND CONTINUE FLUSHING  
FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION WITHOUT DELAY.

## ===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
IF MATERIAL IS SPILLED, SWEEP UP INTO SUITABLE DISPOSAL DRUM AND FLUSH AREA WITH  
WATER.

## WASTE DISPOSAL METHOD

IF MATERIAL CANNOT BE SALVAGED, THE PREFERRED METHOD OF DISPOSAL IS IN A SECURE  
CHEMICAL LANDFILL IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL ENVIRONMENTAL  
REGULATIONS.

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT HANDLE UNLESS THE SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.  
AVOID EYE AND SKIN CONTACT. AVOID INHALATION OF VAPORS. DO NOT PUNCTURE, DRAG  
OR SLIDE CONTAINERS. DO NOT SMOKE IN ANY CHEMICAL HANDLING OR STORAGE AREA.  
WASH HANDS BEFORE EATING. STORE IN A COOL, DRY AND WELL-VENTILATED LOCATION.  
PROTECT FROM HUMIDITY. KEEP CONTAINERS TIGHTLY CLOSED. STORE AWAY FROM  
INCOMPATIBLE MATERIALS.

## OTHER PRECAUTIONS

USE WITH ADEQUATE VENTILATION OR LOCAL EXHAUST. STORE IN A COOL, DRY WELL  
VENTILATED AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.

## ===== SECTION VIII - CONTROL MEASURES =====

## RESPIRATORY PROTECTION

NIOSH/MSHA APPROVED RESPIRATOR FOR PARTICULATES. LOCAL EXHAUST, VENTILATE AS  
REQUIRED.

## VENTILATION

GENERAL MECHANICAL VENTILATION OR LOCAL EXHAUST SHOULD BE SUITABLE TO KEEP VAPOR CONCENTRATIONS BELOW TLV. VENTILATION EQUIPMENT SHOULD BE EXPLOSION PROOF.

## PROTECTIVE GLOVES

NORMAL WORK GLOVES ARE ADEQUATE.

## EYE PROTECTION

EYE GLASSES OR GOGGLES MAYBE WORN IF NECESSARY.

## OTHER PROTECTIVE CLOTHING OR EQUIPMENT

PROTECTIVE CLOTHING MAY BE WORN, BUT IS GENERALLY NOT REQUIRED.

## WORK/HYGIENIC PRACTICES

WARM WATER SHOWERING, HANDWASHING AND EYEWASH STATIONS ARE RECOMMENDED IN THE WORK AREA. THOROUGHLY WASH WITH SOAP AND WATER BEFORE HANDLING FOOD, SMOKING OR APPLYING MAKEUP. WASH CONTAMINATED CLOTHING AND DRY BEFORE REUSE.

## ===== SECTION IX - DISCLAIMER =====

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE, OBTAINED FROM SOURCES BELIEVED BY PARISER INDUSTRIES, INC., TO BE ACCURATE. AS WITH ALL CHEMICALS, KEEP AWAY FROM CHILDREN, ANIMALS, AND FOOD PRODUCTS. FOR INDUSTRIAL USE ONLY, USE AS DIRECTED.

## ===== SECTION X - UN CODE =====

8, UN2693, PGIII