



MATERIAL SAFETY DATA SHEET

4X8# CASE Z CHEM TITAN

PARISER INDUSTRIES

TRADE SECRET REGISTRY #

PRODUCT NAME: 4X8# CASE Z CHEM TITAN
TRADE SECRET REGISTRY #4X8# CASE Z CHEM TIT
UN NUMBER : N/A

HMIS CODES: H F R P
2 0 0 E

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

MANUFACTURER'S NAME: PARISER INDUSTRIES
ADDRESS : 91 MICHIGAN AVE
PATERSON, NJ 07503

EMERGENCY PHONE : 800-424-9300 DATE PRINTED : 5/22/2009
INFORMATION PHONE : 973-569-9090 NAME OF PREPARER : ENVIRONMENTAL DEPT

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
SODIUM METASILICATE ANHYDROUS NOT ESTABLISHED	6834-92-0	N/A	N/A	20.00
SODIUM HYDROXIDE PEL=2mg/m3, CEILING TLV=2MG/M3, CEILING	1310-73-2	42mmHG	1000°C	10.00
SODIUM DICHLOROISOCYANURATE, DIHYDRATE NOT ESTABLISHED	51580-86-0	N/A	N/A	2.00

*** 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 =====

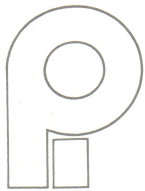
pH 1% SOLUTION : 11.5 - 12.5
BOILING RANGE: 1388°C
VAPOR DENSITY: N/A
COATING V.O.C.: NOT APPLICABLE
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: WHITE POWDER
SPECIFIC GRAVITY (H2O=1): 1.43
EVAPORATION RATE: N/A
MATERIAL V.O.C.: NOT APPLICABLE

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

FLASH POINT : 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.



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UNUSUAL FIRE AND EXPLOSION HAZARDS

NONE

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

STABILITY: STABLE

CONDITIONS TO AVOID

NONE

INCOMPATIBILITY (MATERIALS TO AVOID)

NONE

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

NONE KNOWN

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.

ALWAYS SEEK MEDICAL ATTENTION!!

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

DUST MAY CAUSE MILD IRRITATION. MAY AGGRAVATE EXISTING SKIN AND/OR EYE CONDITIONS ON CONTACT.

ALWAYS SEEK MEDICAL ATTENTION!!

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

NONE DETERMINED

ALWAYS SEEK MEDICAL ATTENTION!!

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

NO SIGNIFICANT HAZARD

ALWAYS SEEK MEDICAL ATTENTION!!

HEALTH HAZARDS (ACUTE AND CHRONIC)

SEE ABOVE

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



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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

MAY AGGRAVATE EXISTING SKIN AND/OR EYE CONDITIONS ON CONTACT.

EMERGENCY AND FIRST AID PROCEDURES

EYES: OBJECT IS TO FLUSH MATERIAL OUT IMMEDIATELY THEN SEEK MEDICAL ATTENTION. IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST SEVERAL MINUTES HOLDING LIDS APART TO ENSURE FLUSHING OF THE ENTIRE SURFACE. WASHING EYES WITHIN 1 MINUTE IS ESSENTIAL TO ACHIEVE MAXIMUM EFFECTIVENESS. SEEK MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH PLENTY OF WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. WASH CLOTHING BEFORE REUSE. FOOTWEAR SHOULD BE DECONTAMINATED BEFORE REUSE. SEEK MEDICAL ATTENTION IF SYMPTOMS ARE PRESENT. INHALATION: GET PERSON OUT OF CONTAMINATED AREA TO FRESH AIR. IF RESPIRATION STOPS, GIVE MOUTH-TO-MOUTH RESUSCITATION. SEEK MEDICAL ATTENTION IF SYMPTOMS ARE PRESENT. INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. (IF AVAILABLE, GIVE SEVERAL GLASSES OF MILK). IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR. SEEK MEDICAL ATTENTION IMMEDIATELY.

ALWAYS SEEK MEDICAL ATTENTION!!

=====**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 DUST OR 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 FAN WHERE EXCESSIVE DUST MAY BE RELEASED INTO WORK ENVIRONMENT. DO NOT STORE CLOSE TO ACIDS. AVOID HUMID OR WET CONDITIONS AS PRODUCT WILL CAKE AND BECOME HARD. 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



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NORMAL WORK GLOVES ARE ADEQUATE.

EYE PROTECTION

EYE GLASSES OR GOGGLES SHOULD BE WORN IN DUSTY AREAS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

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

WORK/HYGIENIC PRACTICES

WARM WATER SHOWERING AND HANDWASHING IS SUGGESTED AFTER WORKING IN EXTREMELY DUSTY AREAS. 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 =====

N/A