

SPARTAN CHEMICAL CO INC -- CA-12 -- 6840-00N028082

=====
===== Product Identification =====

Product ID:CA-12
MSDS Date:06/01/1990
FSC:6840
NIIN:00N028082
MSDS Number: BMVKN
=== Responsible Party ===
Company Name:SPARTAN CHEMICAL CO INC
Address:110 N WESTWOOD AVE
City:TOLEDO
State:OH
ZIP:43607
Country:US
Info Phone Num:419-531-5551
Emergency Phone Num:419-531-5551
Preparer's Name:THOMAS J. MITCHELL
CAGE:23212

==== Contractor Identification ====
Company Name:SPARTAN CHEMICAL CO INC. IPG INDUSTRIAL PRODUCTS GROUP
Address:110 N WESTWOOD AVE
Box:City:TOLEDO
State:OH
ZIP:43607
Country:US
Phone:800-537-8990/419-531-5551
CAGE:23212

=====
===== Composition/Information on Ingredients =====

Ingred Name:S-TRIAZINE-1,3,5 (2H,4H,6H)-TRIETHANOL;
(HEXAHYDRO-1,3,5-TRIS (2-HYDROXYETHYL)-S-TRIAZINE)
CAS:4719-04-4
RTECS #:XZ1600000
Fraction by Wt: 78.5%

=====
===== Hazards Identification =====

LD50 LC50 Mixture:LD50: (ORAL,MOUSE): 1495 MG/KG.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TOXIC BY INGESTION; IRRITATING TO EYES
AND SKIN. MAY CAUSE ALLERGIC SENSITIZATION.
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

=====
===== First Aid Measures =====

First Aid:EYES: IMMED FLUSH EYE W/PLENTY OF WATER FOR AT LEAST 15
MINUTES. SEE PHYS. SKIN: IMMED FLUSH EXPOS AREA W/WATER. REMOVE AND
WASH CONTAM CLTHG BEFORE REUSE. DISCARD CONTAM SHOES. INGESTION: DO
NOT INDUCE VOMIT; DRINK LARGE AMOUNT OF WATER AND CALL PHYS.
INHAL: REMOVE FROM EXPOS. SUPPORT BRTHG (GIVE ARTF RESP/O*2) . NOTE
TO PHYS: PROBABLY MUCOSAL DMG MAY CONTRAINDICATE USE OF GASTRIC

LAVAGE.

=====
===== Fire Fighting Measures =====

Flash Point Method:PMCC
Flash Point:167F,111C
Extinguishing Media:WATER, FOAM, DRY CHEMICAL, CO*2.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE.

=====
===== Accidental Release Measures =====

Spill Release Procedures:ABSORB IN CLAY, SAND, SAWDUST, OR VERMICULITE;
SWEEP UP AND RECOVER. FLUSH SPILL AREA WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====
===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL DRY PLACE; KEEP
CONTAINER CLOSED.
Other Precautions:NONE.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE
FOR EXPOSURE OF CONCERN .
Ventilation:GOOD GENERAL VENT SHOULD BE SUFFICIENT FOR MOST CONDITIONS.
LOCAL EXHAUST VENTILATION MAY BE NEC FOR SOME OPERATIONS.
Protective Gloves:RUBBER GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:UNDER CERTAIN CONDITIONS RUBBER APRONS ARE
SUGGESTED.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
PH: 10.0-10.5. % VOLAT: 21.5 (WT).

=====
===== Physical/Chemical Properties =====

HCC:V4
Boiling Pt:B.P. Text:83.0F,28.3C
Vapor Pres:3 @ 75F
Spec Gravity:1.16
pH:SUPDAT
Solubility in Water:MISCIBLE
Appearance and Odor:WHITE TO PALE YELLOW MOBILE LIQUID, MILD AMINE
ODOR.
Percent Volatiles by Volume:SUPDAT

=====
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS OR OXIDIZING AGENTS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN;
FORMALDEHYDE.

===== Disposal Considerations =====

Waste Disposal Methods: BURY IN AN APPROVED LANDFILL I/A/W FEDERAL, STATE, AND LOCAL REGULATIONS. CNTNR DISPOSAL: TRIPLE RINSE (OR EQUIVALENT) THEN OFFER FOR RECYCLING/RECONDITIONING, OR PUNCTURE & DISP OF IN SANITARY LANDFILL/BY OTHER PROC APPRVD BY FED, ST, & LOC AUTH.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.