
* QUALITY CHEM PRODUCTS
* 1283 N. GROVE ST.
* ANAHEIM, CA
* 92806
* GCP PRODUCT NUMBER--AF-1010

FOAMER

* SECTION 1. IDENTIFICATION *

MANUFACTURED BY:--(4024)--(BY CONTRACT FOR)---QUALITY CHEM PRODUCTS.

SOLD BY:-----BUTLER ENTERPRISES----- (714) 630-0461-- (714) 630-0712

ADDRESS:----1283 N. GROVE ST. ANAHEIM, CALIFORNIA 92806-----

EMERGENCY PHONE NUMBERS:-----SPILLS----- (800) 424-9300
MEDICAL----- (714) 634-5988

COMMON NAMES AND SYNONYMS: HEAVY DUTY ALKALINE TRUCK WASH COMPOUND

GOV/REG. --

DEPARTMENT OF TRANSPORTATION (D.O.T.) CLASSIFICATIONS

CORROSIVE SOLID, NOS, CORROSIVE MATERIAL (UN1759), NOS.

* SECTION 2. --HAZARDOUS INGREDIENTS * EXPOSURE LIMITS IN ppm

CHEMICAL NAME C.A.S. # % ACGIH (TLV) OSHA (PEL) OTHER

- 1. SODIUM HYDROXIDE BEADS 1310-73-2 60-70 2 2 NONE
- 2. SODIUM METASILICATE PENTAHYDRATE 6834-92-0 5-10 NONE NONE NONE
- 3. A PROPRIETARY BLEND OF DETERGENT BUILDERS, WATER SOFTENING AGENTS, WETTING AGENTS, AND EMULSIFIERS.

(HMIS) HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: (2) HEALTH (BLUE

(0) FIRE (RED

CONSULT HMIS CHART FOR DESIGNATED PROTECTION (2) REACTIVITY (YEL

NEEDED TO SAFELY HANDLE THIS PRODUCT -->>) (C) SPECIAL PERSONA

PROTECTION.

* SECTION 3. --PHYSICAL DATA *

- 1. BOILING POINT-----N/A
- 2. % VOLATILES-----N/A
- 3. SPECIFIC GRAVITY--N/A
- 4. (pH) SOLUTION---12+
- 5. SOLUBILITY IN WATER--APPRECIABL
- 6. APPEARANCE AND ODOR--LIGHT TAN FREE-FLOWING POWDER WITH LIGHT SURFACTANT ODOR.

* FIRE AND EXPLOSION DATA *

FLASH POINT, DEG F: NOT FLAMMABLE FLAMMABLE LIMITS IN THE AIR %:N/A
METHOD USED:N/A

EXTINGUISHING MEDIA: MEDIA APPROPRIATE FOR SURROUNDING FIRES

SPECIAL PROCEDURES: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING
APPARATUS AND AVOID SKIN CONTACT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: CONTACT WITH SOME METALS CAN
LIBERATE FLAMMABLE HYDROGEN GAS.

* SECTION 5.--FIRST AID MEASURES.*

1. SKIN CONTACT--REMOVE CONTAMINATED CLOTHING AND IMMEDIATELY WASH
~~~~~ SKIN THOROUGHLY FOR AT LEAST 15 MINUTES WITH LARGE  
QUANTITIES OF WATER. THE SOONER THAT RINSING STARTS,  
THE LESS DAMAGE DONE. GET IMMEDIATE MEDICAL ATTENTION
2. EYES-----WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER,  
~~~~~ LIFTING UPPER AND LOWER LIDS OCCASIONALLY. THE SOON-  
ER THAT RINSING STARTS, THE LESS DAMAGE DONE TO THE
EYES. WASH EYES FOR AT LEAST 15 MINUTES. GET PROMPT
MEDICAL ATTENTION.
3. INGESTION-----DO NOT INDUCE VOMITING!! GIVE LARGE QUANTITIES OF
~~~~~ WATER TO DILUTE CHEMICALS. GET IMMEDIATE MEDICAL  
ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCON-  
SCIOUS OR CONVULSING PERSON.
4. INHALATION-----REMOVE TO FRESH AIR. IF BREATHING STOPS, ADMINISTER  
~~~~~ ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTEN-  
TION.

HEALTH HAZARD INFORMATION

PRIMARY ROUTES OF EXPOSURE: SKIN CONTACT AND INHALATION
~~~~~

SIGNS AND SYMPTOMS OR EXPOSURE:  
~~~~~

1. INHALATION--SODIUM HYDROXIDE CAN CAUSE IRRITATION @2mg/M3. HIGHER
CONCENTRATIONS CAN CAUSE MORE SEVERE DAMAGE AT THE
UPPER RESPIRATORY TRACT. PNEUMONITIS CAN RESULT FROM
SEVERE EXPOSURE.
2. EYE CONTACT--MAJOR POTENTIAL HAZARD. WITH THE HIGH PERCENTAGE OF
SODIUM HYDROXIDE BEADS, IT IS POSSIBLE TO GET FULL
STRENGTH BEADS IN THE EYES. BEADS IN THE EYE CAN
CAUSE SEVERE DESTRUCTION AND BLINDNESS. THESE EFFECTS
CAN OCCUR RAPIDLY, AFFECTING ALL PARTS OF THE EYE.
MISTS AND DUSTS CAN CAUSE IRRITATION WITH HIGH CONC-
ENTRATIONS CAUSING DESTRUCTIVE BURNS.
3. SKIN CONTACT--MAJOR POTENTIAL HAZARD. SODIUM HYDROXIDE CONTACT CAN
CAUSE SEVERE BURNS WITH DEEP ULCERATIONS. CONTACT WITH
DUST OR MISTS CAN CAUSE MULTIPLE BURNS WITH TEMPORARY
LOSS OF HAIR AT BURN SIGHT. SOLUTIONS OF UP TO 4%
SODIUM HYDROXIDE MAY NOT CAUSE BURNING AND IRRITATION
FOR SEVERAL HOURS, WHILE 25-50% SOLUTIONS CAN CAUSE
THESE EFFECTS IN LESS THAN 3 MINUTES.

 * SECTION 8.--SPECIAL PROTECTION INFORMATION. *

1. RESPIRATORY PROTECTION-----WHEN USING THIS MATERIAL IN A CONFINED
 ~~~~~ SPACE, PERSONAL RESPIRATORY PROTECTION  
 RECOMMENDED.

2. PROTECTIVE GLOVES-----WHEN USING CHEMICALS OF ANY SORT IT IS  
 ~~~~~ RECOMMENDED THAT GLOVES OF HEAVY PLASTIC  
 OR RUBBER BE USED WHEN HANDLING.

3. EYE PROTECTION-----WHEN HANDLING CHEMICALS IT IS RECOMMEND-
 ~~~~~ THAT PROPER PROTECTION FOR THE EYES BE  
 USED THIS CONSISTS OF PLASTIC GOGGLES  
 OR FACE SHIELD.

4. OTHER PROTECTIVE EQUIPMENT--WHEN HANDLING CHEMICALS OF ANY SORT, IT  
 ~~~~~ IS RECOMMENDED THAT STEEL-TOED RUBBER  
 BOOTS AND A SPLASH APRON BE USED.

 * SECTION 9.--SPECIAL PRECAUTIONS. *

CHEMICALS CAN BE HAZARDOUS IF NOT RESPECTED. THE USE OF PROPER EQUIP-
 MENT AND PROCEDURES IN HANDLING OF CHEMICALS CAN NOT ONLY BE OF BENE-
 FIT FOR THEIR OBVIOUS USES BUT CAN REDUCE THE POSSIBILITIES OF IN-
 JURY OR LOST-TIME ACCIDENTS.

 * SECTION 10.--USER'S RESPONSIBILITY. *

THE RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE REMAINS WITH THE USER.
 THE USER SHOULD CONSIDER THE HEALTH HAZARD AND SAFETY INFORMA-
 TION CONTAINED HEREIN AS A GUIDE AND SHOULD TAKE THOSE PRECAUTIONS
 REQUIRED IN AN INDIVIDUAL OPERATION TO INSTRUCT EMPLOYEES AND DEVELOP
 WORK PRACTICE PROCEDURES FOR A SAFE WORK ENVIRONMENT.

SPECIAL NOTES--
 ~~~~~

THIS DATA IS FURNISHED GRATUITOUSLY INDEPENDENT OF ANY SALE OF THE  
 PRODUCT AND ONLY FOR YOUR INVESTIGATION AND INDEPENDENT VERIFICATION  
 WHILE THE INFORMATION IS BELIEVED TO BE CORRECT (QUALITY CHEM PROD-  
 UCTS) SHALL IN NO EVENT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER,  
 DIRECTLY OR INDIRECTLY RESULTING FROM THE PUBLICATION, USE OR RE-  
 LIANCE UPON DATA CONTAINED HEREIN, NO WARRANTY, EITHER EXPRESSED OR  
 IMPLIED OF MERCHANTABILITY, FITNESS OR OF ANY NATURE WITH RESPECT TO  
 THE PRODUCT OR TO THE DATA IS MADE HEREIN. YOU ARE URGED TO OBTAIN  
 DATA SHEETS FOR ALL (QUALITY CHEM PRODUCTS) COMPOUNDS YOU BUY, PRO-  
 CESS, USE OR DISTRIBUTE, AND WE ENCOURAGE YOU TO ADVISE ANYONE WORK-  
 ING WITH OR EXPOSED TO SUCH PRODUCTS OF THE INFORMATION CONTAINED  
 HEREIN.