

MATERIAL SAFETY DATA SHEET

SECTION I - COMPANY AND PRODUCT INFORMATION

EPA REG. NO. N/A
Product SKU Number:..... 3603
Manufacturer's Name:..... Chem Lab Products, Inc.
Emergency Telephone No.:..... (909) 390-9912
..... (800)424-9300 (CHEMTREC)
Street Address:..... 5160 E. Airport Drive
City/State/Zip code:..... Ontario, CA 91761
Chemical Name and Synonyms:... Sodium Hydrogen Sulfate, Anhydrous; sodium bisulfate
Trade Name and Synonyms:..... Aqua Guard pH Down
Chemical Family:..... Acid
Formula:.....NaHSO₄ CAS # 7681-38-1
NFPA Rating: Health:1 Flammability:0 Reactivity:0 Special:
DOT Proper Shipping Name:..... Not Regulated
DOT ID Number:..... Not Regulated
DOT Hazard Class:..... Not Regulated
Package Group:..... Not Regulated

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: Sodium Hydrogen Sulfate, Anhydrous.....CAS # 7681-38-1 %:95

SECTION III - PHYSICAL DATA

FREEZING POINT..... N/A	DECOMPOSITION TEMPERATURE....
BOILING POINT N/A	BULK DENSITY (loose): 85 lbs/ cu.ft.
SPECIFIC GRAVITY (H ₂ O)=1)...N/A	pH (in 1% solution)..... 2
pHN/A	SOLUBILITY IN WATER @25° C..... 1080 g/l
VAPOR PRESSURE (cm Hg.).... N/A	VAPOR DENSITY (Air = 1).....
PERCENT VOLATILE N/A	MOLECULAR WEIGHT..... 120
EVAPORATION RATE (____=1)...	ODOR Harsh to pungent
APPEARANCE ...off white granular material	MELTING POINT ... 350° F (177° C)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT..... Non-combustible
FLAMMABLE LIMITS..... N/A
EXTINGUISHING MEDIA..... Use Carbon dioxide, or dry chemical. Avoid contact with water, creates weak acid solution.
SPECIAL FIRE FIGHTING PROCEDURES:..... product readily dissolves in water creating weak acid solution.
UNUSUAL FIRE AND EXPLOSION HAZARDS:... Decomposes generating oxides of sulfur.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:..... None established
EFFECTS OF OVEREXPOSURE:..... irritating to nose, eyes, throat and skin.
EMERGENCY AND FIRST AID PROCEDURES:....
IF SWALLOWED: If more than a tablespoon is ingested, drink large quantities of milk or water, follow with Milk of Magnesia, beaten eggs or vegetable oil. DO NOT INDUCE vomiting. Get immediate medical help.
IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. If irritation persists, get medical attention.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. Get medical attention if discomfort or irritation persists.

SECTION VI - REACTIVITY DATA

STABILITY: This Product is stable under normal conditions of storage, shipment and/or use.

CONDITIONS TO AVOID: None known

INCOMPATIBILITY: (Materials to avoid)..avoid contact with strong alkali. DO NOT MIX with chlorine bleach or ammonia.

HAZARDOUS DECOMPOSITION PRODUCTS:.... if heated to over 806° F (430° C), sulfur dioxide and trioxide are formed.

HAZARDOUS POLYMERIZATION:..... WILL NOT OCCUR

SECTION VII - ACCIDENTIAL RELEASE PROCEDURES

STEPS TO BE TAKEN IN CASE OF MATERIAL RELEASED OR SPILLED:... Sweep up into A DRY, CLEAN CONTAINER. Rinse small amounts to sewage using plenty of water.

WASTE DISPOSAL METHOD:... Dispose of in compliance with all federal, state and local laws and regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: (Specify type)... none required when handling small quantities, otherwise use approved dust mask.

VENTILATION: N/A

LOCAL EXHAUST:..... N/A

PROTECTIVE GLOVES:..... Rubber gloves

EYE PROTECTION:..... Chemical Safety goggles or glasses.

OTHER PROTECTIVE EQUIPMENT:... None

SECTION IX - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:... Keep product in tightly closed container when not in use. Store in cool, dry, well-ventilated area away from heat and open flame. In case of decomposition, isolate container in open area, if possible, and flood with large amounts of water.

OTHER PRECAUTIONS:... Do not reuse empty container. Rinse empty container thoroughly with water to dissolve all material before discarding. Place in trash collection or dispose in approved landfill area.

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.