

SUPPLY CENTRAL

CHEMICAL LINE

M.S.D.S.

PRODUCT NAME "BROWNING TREATMENT" BBG

PRODUCT NUMBER

M.S.D.S. NUMBER

DATE

07/10/2000

Section 1. Chemical product and company identification

COMPANY SUPPLY CENTRAL
P. O. BOX 68918
TUCSON, AZ 85737

PRODUCT BROWNING TREATMENT

Section 2. Composition/information on ingredients

CHEMICAL FAMILY: REDUCING AGENT

Section 3. Hazards identification, including emergency overview

LIST OF CARCINOGENIC INGREDIENTS AT >0.1%: NONE

LIST OF HAZARDOUS INGREDIENTS AT >1.0%: SODIUM METABISULFITE / CAS NO. 7681-57-4

CAN CAUSE IRRITATION OF EYES, NOSE, THROAT AND RESPIRATORY SYSTEM. CAN AGGRAVATE EXISTING RESPIRATORY SYSTEM. CAN AGGRAVATE EXISTING SKIN DISORDERS. ASTHMATICS SHOULD NOT BE EXPOSED TO MATERIAL. ACGIH TLV IS 5mg/m3.

Section 4. First aid measures

EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN.

SKIN: REMOVE CONTAMINATED CLOTHING. THOROUGHLY WASH EXPOSED SKIN WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST OR ARE SEVERE GET IMMEDIATE MEDICAL ATTENTION.

INGESTION: DRINK WATER. SEEK IMMEDIATE MEDICAL ATTENTION.

PHYSICIAN: TREATMENT BASED ON JUDGMENT OF ATTENDING PHYSICIAN. CONTAINS SODIUM, BISULFITE THAT MAY PRODUCE HYPERSENSITIVITY REACTIONS IN ASTHMATICS AND OTHERS.

Section 5. Fire fighting measures

FLASH POINT: N/A EXPLOSIVE LIMITS: LEL: N/D UEL: N/D

EXTINGUISHING MEDIA: FOAM, CO2, WATER FOG OR DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES; USE NIOSH/MSHA APPROVED SELF-CONTAINED POSITIVE-PRESSURE BREATHING APPARATUS AND PROTECTIVE CLOTHING WHERE THIS MATERIAL IS INVOLVED IN A FIRE.

UNUSUAL FIRE AND EXPLOSIVE HAZARD: NONE KNOWN

Section 6. Accidental release measures

Section 7. Handling and storage

Section 8. Exposure controls/personal protection

VENTILATION: LOCAL EXHAUST OR DILUTION VENTILATION MAY BE NECESSARY IN POORLY VENTILATED AREAS.

EYE PROTECTION: CHEMICAL RESISTANT SAFETY GLASSES.

RESPIRATORY PROTECTION: WHEN ADEQUATE VENTILATION CANNOT BE ACHIEVED OR IF INDIVIDUAL MAY BE SENSITIVE TO MATERIAL, USE NIOSH/MSHA APPROVED RESPIRATOR EQUIPPED WITH ACID VAPOR CARTRIDGES.

GLOVES: RUBBER GLOVES

OTHER PROTECTIVE EQUIPMENT: BODY-COVERING CLOTHING SHOULD BE WORN.

Section 9. Physical and chemical properties

WATER SOLUBILITY % BY WT.: APPROX. 36.5 PH OF A 1% SOLUTION: 4.5 - 5.5 VOLITILITY BY WT.: <1

LOOSE BULK DENSITY: 1.18 - 1.22 g/cc

APPEARANCE AND ODOR: WHITISH POWDER WITH YELLOW FLAKES. SO2 ODOR

Section 10. Stability and reactivity

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY: OXIDIZERS, ACIDS AND BASES. CORROSIVE TO MOST METALS.

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: SULFUR DIOXIDE AND POSSIBLY CO, CO2, AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

Section 11. Toxicological information

Section 12. Ecological information

Section 13. Disposal considerations

WASTE DISPOSAL: IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

NEUTRALIZING CHEMICALS: WATER

Section 14. Transport information

Section 15. Regulatory information

Section 16. Other information

N/D=NOT DETERMINED

N/A=NOT APPLICABLE

SPECIAL PRECAUTIONS: ONE SHOULD ALWAYS USE CHEMICALS WITH AWARENESS OF POTENTIAL HAZARDS, KNOWN AND UNKNOWN, AND THEIR EFFECT ON THE HUMAN SYSTEM. WE URGE USERS TO MINIMIZE EMPLOYEE EXPOSURE TO ALL CHEMICALS, INCLUDING THIS PRODUCT AND TO KEEP THE LEVEL OF EXPOSURE COMMENSURATE WITH GOOD INDUSTRIAL HYGIENE PRACTICES.

DISCLAIMER OF LIABILITY: THE MANUFACTURER AND SELLER WARRANTS THAT THIS PRODUCT CONFORMS TO ITS STANDARD SPECIFICATIONS WHEN USED ACCORDING TO DIRECTIONS. AS THE CONDITIONS OR METHODS OF USE ARE BEYOND OUR CONTROL, WE DO NOT ASSUME ANY RESPONSIBILITY AND EXPRESSLY DISCLAIM ANY LIABILITY FOR USE OF THIS PRODUCT. INFORMATION CONTAINED HEREIN IS BELIEVED TO BE TRUE AND ACCURATE BUT ALL STATEMENTS OR SUGGESTIONS ARE MADE WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING ACCURACY OF THE INFORMATION, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL AND THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

FOR MORE INFORMATION CALL:

- * IN THE USA: 520 696-9296
- * TOLL FREE: 888 505-7474
- * FAX: 520 696-9296