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M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -
CATALOG #: S8018
NAME: SODIUM SULFITE ANHYDROUS ACS REAGENT

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -
CAS #: 7757-83-7
MF: NA2O3S
EC NO: 231-821-4
SYNONYMS
ANHYDROUS SODIUM SULFITE * DISODIUM SULFITE * EXSICCATED SODIUM
SULFITE * SULFTECH * NATRIUMSULFIT (GERMAN) * SODIUM SULFITE * SODIUM
SULFITE ANHYDROUS * SODIUM SULPHITE * SULFUROUS ACID, DISODIUM SALT *
SULFUROUS ACID, SODIUM SALT (1:2) * S-WAT *

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -
LABEL PRECAUTIONARY STATEMENTS
HARMFUL
HARMFUL IF SWALLOWED.
IRRITATING TO EYES AND SKIN.
LIMITED EVIDENCE OF CARCINOGENIC EFFECT.
POSSIBLE MUTAGEN.
POSSIBLE SENSITIZER.
TARGET ORGAN(S):
CENTRAL NERVOUS SYSTEM
DO NOT BREATHE DUST.
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.
WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES.
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS
AMOUNTS OF WATER.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -
EXTINGUISHING MEDIA
NONCOMBUSTIBLE.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -
 WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
 GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
 SAFETY SHOWER AND EYE BATH.
 MECHANICAL EXHAUST REQUIRED.
 DO NOT BREATHE DUST.
 AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
 AVOID PROLONGED OR REPEATED EXPOSURE.
 WASH THOROUGHLY AFTER HANDLING.
 HARMFUL SOLID.
 IRRITANT.
 POSSIBLE MUTAGEN.
 POSSIBLE SENSITIZER.
 KEEP TIGHTLY CLOSED.
 STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -
 APPEARANCE AND ODOR
 WHITE CRYSTALS
 PHYSICAL PROPERTIES
 SPECIFIC GRAVITY: 2.633

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -
 INCOMPATIBILITIES
 STRONG ACIDS
 AIR SENSITIVE
 MOISTURE SENSITIVE
 HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
 SULFUR OXIDES

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
 ACUTE EFFECTS
 HARMFUL IF SWALLOWED.
 MAY BE HARMFUL IF INHALED.
 MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
 CAUSES EYE AND SKIN IRRITATION.
 MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER
 RESPIRATORY TRACT.
 PROLONGED OR REPEATED EXPOSURE MAY CAUSE ALLERGIC REACTIONS IN CERTAIN
 SENSITIVE INDIVIDUALS.

CHRONIC EFFECTS
 POSSIBLE MUTAGEN.
 THIS PRODUCT IS OR CONTAINS A COMPONENT THAT IS NOT CLASSIFIABLE AS
 TO ITS CARCINOGENICITY BASED ON ITS IARC, ACGIH, NTP OR EPA
 CLASSIFICATION.
 TARGET ORGAN(S):
 CENTRAL NERVOUS SYSTEM
 TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
 TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

ADDITIONAL INFORMATION
 INGESTION RESULTS IN IRRITATION OF THE GASTROINTESTINAL TRACT. LARGE
 DOSES MAY CAUSE VIOLENT COLIC AND DIARRHEA, CIRCULATORY DISTURBANCES,
 CENTRAL NERVOUS DEPRESSION AND EVEN DEATH. PERSONS WITH ALLERGIES AND/
 OR ASTHMA MAY EXHIBIT HYPERSENSITIVITY TO SULFITES.

RTECS #: WE2150000
 SODIUM SULFITE (2:1)

TOXICITY DATA

ORL-RAT LD50:3560 MG/KG	IJTofN 19,349,2000
ORL-MUS LD50:820 MG/KG	TRENAF 27,159,1976
IPR-MUS LD50:950 MG/KG	ARZNAD 31,1713,1981
IVN-MUS LD50:175 MG/KG	JPETAB 101,101,1951

TARGET ORGAN DATA
 BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
 LUNGS, THORAX OR RESPIRATION (RESPIRATORY DEPRESSION)
 LUNGS, THORAX OR RESPIRATION (OTHER CHANGES)
 ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
 (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR

COMPLETE INFORMATION.