

MATERIAL SAFETY DATA SHEET: BLOT!

Section I - General Information

(000000-000000- - 5878)

Date of Issue:

12/30/1996 12:00:00 AM

Chemical Name & Synonyms:

N/A

Chemical Family:

THIOSULFATE SOLUTION

Manufacturer Name:

CERTIFIED LABS, DIV. OF NCH CORP.

Manufacturer Address:

BOX 152170

IRVING, TEXAS 75015

Prepared By:

R STOLLEY/CHEMIST

Supercedes:

11/22/1994 12:00:00 AM

Trade Name & Synonyms:

BLOT!

Formula is a mixture: [v]

Product Code Number:

5878

Emergency Phone Number:

800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)

SODIUM THIOSULFATE PENTAHYDRATE

SODIUM LAURYL SULFATE

Hazard

IRRITANT

IRRITANT

TLV

NOT EST. 1

NOT EST. 1

PEL

NOT EST. 2

NOT EST. 2

STEL

NOT EST.

NOT EST.

CAS #

10102-17-7

151-21-3

Section IIa - Non-Hazardous Ingredients

(NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE)

Secret Registry #: 409363- 5401P

Section III - Physical Data

Boiling Point (?F):212

Vapor Pressure (mm Hg):18

Vapor Density (Air=1):0.6

pH @ 100% :8.5

% Volatile by Volume:96

H₂O Solubility:COMPLETE

Specific Gravity (H₂O=1):1.025

Color:WATER-WHITE

Odor:BABY POWDER

Clarity:TRANSPARENT

Evaporation Rate (BuAc=1):0.10

Viscosity:NON-VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point: NON-FLAM

Flammable Limits: N/A

LEL: N/A

Method Used: T.C.C.

UEL: N/A

Aerosol Level (NFPA 308): N/A

Extinguishing Media:

[v] Foam

[v] Alcohol Foam

[v] CO2

[v] Dry Chemical

[v] Water Spray

[] Other

NFPA 704 Hazard Rating:

4-Extreme

3-High

2-Moderate

1-Slight

0-Insignificant

Health: 1

Flammability: 1

Instability: 0

Special:

Special Fire Fighting Procedures:

PRODUCT IS NON-FLAMMABLE. CHOOSE EXTINGUISHING MEDIA APPROPRIATE FOR THE SURROUNDING FIRE. IN ALL FIRES INVOLVING CHEMICALS, WEAR A SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire and Explosion Hazards:

SODIUM SULFIDE (THERMAL DECOMPOSITION PRODUCT) IS FLAMMABLE AND A STRONG IRRITANT TO TISSUE. INCOMPATIBLE WITH ACIDS. TEMPERATURES > 212 F. CAN YIELD SULFUR DIOXIDE.

Section V - Health and Hazard Data

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

Acute: (Short Term Exposure)

INGESTION MAY CAUSE GASTROINTESTINAL DISTURBANCES. MAY CAUSE SLIGHT SKIN IRRITATION. INHALATION OF MIST MAY CAUSE MILD RESPIRATORY IRRITATION WITH COUGHING AND SNEEZING. MAY CAUSE MILD EYE IRRITATION WITH POSSIBLE REDNESS.

Chronic: (Long Term Exposure)

DIRECT CONTACT WITH EYES FOR A PROLONGED PERIOD OF TIME CAN CAUSE CORNEAL REDNESS. PROLONGED UNDILUTED SKIN CONTACT MAY CAUSE REDDENING OF SKIN, IRRITATION LEADING POTENTIALLY TO DERMATITIS. TARGET ORGANS: NONE. ALTHOUGH THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY, THE PRIMARY ROUTE OF EXPOSURE IS SKIN CONTACT.

Primary Routes of Entry

[] Inhalation

[] Ingestion

[] Absorption

Emergency First Aid Procedures:

Inhalation:

REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

Eye Contact:

RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

Skin Contact:

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

Ingestion:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

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Notes to Physician:
N/A

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

☐ IARC ☐ NTP ☐ OSHA ☐ ACGIH ☐ Other

SODIUM THIOSULFATE PENTAHYDRATE
ORL-HMN TDLO: 300MG/KG/7D PUL 3.
IVN-DOG LDLO: 3000MG/KG 3.
LARGE AMOUNTS OF SODIUM THIOSULFATE TAKEN ORALLY HAVE NO ILL EFFECTS
BESIDES CATHARSIS. 3.
SODIUM LAURYL SULFATE
ORL-RAT LD50:1280 MG/KG 3.
SKN-HMN 250 MG/24H MILD 3.
EYE-RBT 100 MG/25H MOD 3.
PRODUCT MIXTURE
PRODUCT MIXTURE WAS TESTED AND PER FHSA/CPSC REGULATIONS WAS DETERMINED
TO BE A MILD EYE IRRITANT. 4.
PRIMARY IRRITATION TEST (SKIN RABBIT): 1.34, SLIGHT IRRITANT. 4.

Section VII - Reactivity Data

Stability

☒ Stable ☐ Unstable

Conditions to Avoid:
TEMPERATURES GREATER THAN 212 F.

Hazardous Polymerization

☒ Will not occur ☐ May occur

Conditions to Avoid:
N/A

Incompatibility (Materials to Avoid):
STRONG OXIDIZERS CAUSE VIGOROUS EXOTHERMIC REACTIONS. ACIDS RE- LEASE SULFUR DIOXIDE GAS. AVOID H2O-REACTIVE CHEMICALS(SODIUM).

Hazardous Decomposition Products:
OXIDES OF SULFUR AND SODIUM SULFIDE.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:
FLUSH SURFACE WITH LARGE VOLUMES OF WATER & FLUSH DOWN DRAIN IF PERMITTED BY APPLICABLE DISPOSAL REGULATIONS. WASTE MATERIALS MIGHT HAVE TO BE DISPOSED OF BY AN APPROVED CONTRACTOR.

Waste Disposal Method(s):
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

Neutralizing Agent:
FLUSH WITH LARGE AMOUNTS OF WATER.

Section IX - Special Protection Information

Required Ventilation:
GENERAL EXHAUST IS ADEQUATE.

Respiratory Protection:
IF MISTY CONDITIONS PREVAIL, WEAR NIOSH APPROVED MIST RESPIRATOR.

Glove Protection:
NOT NORMALLY REQUIRED WITH TYPICAL USE OF THE PRODUCT.

Eye Protection:
SAFETY GLASSES IF THE METHOD OF APPLICATION PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:
N/A

Section X - Storage and Handling Information

Storage Temperature

Max: 120°F. Min: 32°F.

Storage Conditions

☒ Indoors ☒ Outdoors ☐ Heated ☐ Refrigerated

Precautions to be Taken in Handling and Storing:
STORE AT MODERATE TEMPERATURES. KEEP BELOW 212°F.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

Section XI - Regulatory Information

Chemical Name

None.

CAS Number

Upper % Limit

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

Section XII - References

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1995-1996.
 2. OSHA PEL.
 3. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION, RICHARD J. LEWIS, SR.
 4. VENDOR TEST DATA.
- IRR: IRRITANT, FLAM/FLAMM: FLAMMABLE, COMB: COMBUSTIBLE, CORR: CORROSIVE, CARC: CARCINOGENIC, TOX: TOXIC, N/A: NOT APPLICABLE, N/E: NOT ESTABLISHED, COC: CLEVELAND OPEN CUP, PMCC: PENSKEY-MARTIN CLOSED CUP, TCC: TAGLIABUE CLOSED

MATERIAL SAFETY DATA SHEET: BLOT!

CUP, LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT, NFPA:NATIONAL FIRE PROTECTION ASSOCIATION, IARC:INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY PROGRAM, OSHA:OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH:AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV:THRESHOLD LIMIT VALUE, PEL:PERMISSIBLE EXPOSURE LEVEL, STEL:SHORT TERM EXPOSURE LIMIT, MLD:MILD, MOD:MODERATE, SEV:SEVERE, MUT:MUTAGENIC, ASPHYX:ASPHYXIAN

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