
MATERIAL SAFETY DATA SHEET

HELENA LABORATORIES
1530 Lindbergh Dr./P.O. Box 752
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USA Toll Free 800-231-5663

DATE PREPARED: 12/12/2005
REVISION: 3

1. IDENTIFICATION:

PRODUCT NAME: REP LIPO-8 KIT

PRODUCT NO.: 3182

2. INGREDIENTS (THE ABOVE KIT CONTAINS THE FOLLOWING ITEMS) :

Table with 4 columns: PRODUCT NUMBER, PRODUCT IDENTIFICATION (LABEL NAME), CAS #, %, COMMENTS. Rows include 551012 REP LIPO-8 GEL (NON-HAZARDOUS) and 500474 LIPOPROTEIN STAIN (HAZARDOUS INGREDIENT SUDAN RED 7B, CAS # 6368-72-5, 100.0%, MSDS ATTACHED).

ATTACHED IS THE MSDS FOR THE ABOVE NAMED HAZARDOUS INGREDIENT.

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DATE PREPARED: 11/29/2005
 REVISION: 4

1. IDENTIFICATION:

NAME: SUDAN RED 7B

CAS #: 6368-72-5

SYNONYM:

2-NAPHTHYLAMINE, N-ETHYL-1-((P-(PHENYLAZO)-PHENYL) AZO) *

2. HAZARDOUS INGREDIENTS:

CHEMICAL NAME/COMMON NAME CAS #	%	EXPOSURE LIMITS	
		OSHA PEL	ACGIH TLV
SUDAN RED 7B 6368-72-5	100.0	NA	

3. PHYSICAL DATA:

BOILING POINT: NA SPECIFIC GRAVITY (H₂O = 1): NA

VAPOR PRESSURE (MM HG.): NA MELTING POINT: 130°C (DEC)

VAPOR DENSITY (AIR = 1): NA EVAPORATION RATE (BUTYL ACETATE=1): NA

NA

SOLUBILITY IN WATER: APPEARANCE AND ODOR: DARK RED TO
 INSOLUBLE IN WATER RED-PURPLE POWDER

NA = Not Applicable
 NL = Not Listed

NE = Not Established
 NIF = No Information Found

4. HEALTH HAZARD DATA:

PRIMARY ROUTE(S) OF ENTRY:

INHALATION? YES SKIN? YES INGESTION? YES

CARCINOGENICITY: NTP? NO IARC? NO

ACUTE EFFECT OF OVEREXPOSURE:

EYES: CAN CAUSE IRRITATION AND STAINING OF THE EYES.

SKIN: CAN CAUSE IRRITATION AND STAINING OF THE SKIN.

INHALATION: DUST MAY BE IRRITATING TO THE EYES, MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

CHRONIC EFFECTS OF EXPOSURE: LABORATORY EXPERIMENTS HAVE SHOWNMUTAGENIC EFFECTS.

TOXICITY DATA: THE TOXICOLOGICAL PROPERTIES OF THIS CHEMICAL HAVE NOT BEEN THOROUGHLY INVESTIGATED.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: UNKNOWN. HANDLE WITH CARE.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.

INHALATON: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

INGESTION: OBTAIN MEDICAL ATTENTION. RINSE MOUTH WITH WATER.

5. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (METHOD USED): NA

FLAMMABLE LIMITS: NA LEL NA UEL NA

EXTINGUISHING MEDIA: WATER SPRAY. CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

5. FIRE AND EXPLOSION HAZARD DATA (CONT):

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

6. REACTIVITY DATA:

STABILITY: UNSTABLE: STABLE: X

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: TOXIC FUMES OF CARBON DIOXIDE, CARBON MONOXIDE AND NITROGEN OXIDES.

HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

7. SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WEAR PROTECTIVE CLOTHING. SWEEP UP, PLACE IN A BAG AND HOLD FOR DISPOSAL.

WASTE DISPOSAL METHODS: OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS.

8. SPECIAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION (SPECIFY TYPE): APPROPRIATE OSHA/MSHA-APPROVED

VENTILATION: LOCAL EXHAUST: X MECHANICAL: OTHER:

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES

EYE PROTECTION: SAFETY GOGGLES

OTHER PROTECTIVE EQUIPMENT: DISPOSABLE COVERALLS. DISCARD COVERALLS AFTER USE.

9. SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINER TIGHTLY CLOSED IN A COOL DRY PLACE.

OTHER PRECAUTIONS: AVOID CONTACT WITH SKIN, EYES AND CLOTHING. DO NOT BREATHE DUST. WASH THOROUGHLY AFTER HANDLING.

10. OTHER INFORMATION. GASTROINTESTINAL AND LIVER TUMORS NOTED IN STUDY ON RATS.

The information herein is given in good faith but no warranty, expressed or implied, is made.