

Steareth 21 MSDS (Material Safety Data Sheet)

November 14, 2012

INCI: STEARETH 21
CAS#: 9005-00-9

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	PERCENT	OSHA PEL
POLYOXYETHYLENE (21) STEARY ETHER	9005-00-9	90 – 100%	NOT LISTED

VALUES ARE NOT PRODUCT SPECIFICATIONS

SECTION 3 – HAZARDS IDENTIFICATION

GENERAL:	LIMITED TOXICITY DATA ARE AVAILABLE ON THIS SPECIFIC PRODUCTS; THIS HEALTH HAZARD ASSESSMENT IS BASED ON THE RESULTS OF SCREENING TESTS.
EMERGENCY OVERVIEW:	APPEARANCE: WHITE WAXY SOLID; ODORLESS MAY CAUSE EYE IRRITATION. REPEATED/PROLONGED CONTACT MAY CAUSE SKIN IRRITATION.
ROUTES OF EXPOSURE:	EYE CONTACT; SKIN CONTACT; INHALATION
SYMPTOMS OF OVEREXPOSURE:	(ACUTE & CHRONIC):
EYE CONTACT:	THIS MATERIAL MAY IRRITATE HUMAN EYES FOLLOWING CONTACT.
SKIN CONTACT:	SHORT CONTACT PERIODS WITH HUMAN SKIN ARE NOT USUALLY ASSOCIATED WITH SKIN IRRITATION. REPEATED CONTACT CAN RESULT IN MODERATE IRRITATION. PROLONGED CONTACT CAN RESULT IN MODERATE SKIN IRRITATION. THIS PRODUCT WILL PROBABLY NOT BE ABSORBED THROUGH HUMAN SKIN.
INHALATION:	NO IRRITATION IS EXPECTED TO BE ASSOCIATED WITH INHALATION OF THIS MATERIAL. NO TOXIC EFFECTS ARE KNOWN TO BE ASSOCIATED WITH INHALATION OF THIS MATERIAL.
INGESTION:	THIS MATERIAL IS NOT LIKELY TO CAUSE IRRITATION UPON INGESTION. NO TOXIC EFFECTS ARE EXPECTED FOLLOWING INGESTION OF THIS PRODUCT.

SECTION 4 – FIRST AID MEASURES

EYES:	IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF REDNESS, ITCHING, OR A BURNING SENSATION DEVELOPS, HAVE EYES EXAMINED AND TREATED BY MEDICAL PERSONNEL.
SKIN:	WASH MATERIAL OFF OF THE SKIN WITH PLENTY OF SOAP AND WATER. IF REDNESS, ITCHING, OR A BURNING SENSATION DEVELOPS, GET MEDICAL ATTENTION.
INGESTION:	DO NOT INDUCE VOMITING. GIVE ONE OR TWO GLASSES OF WATER TO DRINK AND REFER TO MEDICAL PERSONNEL OR TAKE DIRECTION FROM EITHER A PHYSICIAN OR A POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION:	REMOVE VICTIM TO FRESH AIR. IF A COUGH OR OTHER RESPIRATORY SYMPTOMS DEVELOP, CONSULT MEDICAL PERSONNEL.

SECTION 5 – FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD:	>230 DEG. F, 110 DEG. C (PMCC)
AUTOIGNITION TEMPERATURE:	NO DATA
FLAMMABLE LIMITS (LEL/UEL):	NO DATA
EXTINGUISHING MEDIA:	WATER FOG, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, HALOGENATED AGENTS.
SPECIAL FIRE-FIGHTING PROTECTIVE EQUIPMENT:	SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE AND PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE KNOWN
EXPLOSION DATA:	
SENSITIVITY TO MECHANICAL IMPACT:	NOT APPLICABLE.
SENSITIVITY TO STATIC DISCHARGE:	NOT APPLICABLE

SECTION 6 – ACCIDENTAL RELEASE MEASURES

REFER TO SECTION 8 FOR PROPER PERSONAL PROTECTIVE EQUIPMENT.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SWEEP UP AND RECOVER OR MIX MATERIAL WITH A MOIST ABSORBENT AND SHOVEL INTO A CHEMICAL WASTE CONTAINER. WASH RESIDUE FROM SPILL AREA WITH WATER CONTAINING DETERGENT AND FLUSH TO A SEWER SERVICED BY A PERMITTED WASTEWATER TREATMENT FACILITY.

SECTION 7 – HANDLING AND STORAGE

STORAGE REQUIREMENTS: 50-90 DEG. F IN ORIGINAL CLOSED CONTAINER.
 PRECAUTIONS TO TAKE DURING HANDLING AND STORAGE: PREVENT SKIN AND EYE CONTACT.
 NORMAL CHEMICAL HANDLING AND STORAGE.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: NO ACGIH TLV OR OSHA PEL ASSIGNED. MINIMIZE EXPOSURE IN ACCORDANCE WITH GOOD HYGIENE PRACTICE.
 ENGINEERING CONTROLS: USE VENTILATION ADEQUATE TO MAINTAIN SAFE LEVELS.
 EYE PROTECTION: CHEMICAL RIGHT GOGGLES.
 PROTECTIVE CLOTHING: IMPERVIOUS GLOVES
 RESPIRATORY PROTECTION: NOT NORMALLY NEEDED IF CONTROLS ARE ADEQUATE.
 OTHER PROTECTIVE EQUIPMENT: EYEWASH STATION IN WORK AREA.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR: WHITE WAXY SOLID; ODORLESS
 ODOR THRESHOLD: NO DATA
 BOILING POINT: NO DATA
 MELTING POINT: 113 DEG. F, 45 DEG. C
 VAPOR PRESSURE, mm Hg @ 20 Deg. C: NO DATA
 VAPOR DENSITY (AIR = 1): NO DATA
 SOLUBILITY IN WATER: DISPERSIBLE
 pH: NO DATA
 SPECIFIC GRAVITY: 1.0
 % VOLATILE BY VOLUME: NEGLIGIBLE
 CLOUD POINT: NO DATA
 VISCOSITY: NO DATA
 PARTITION COEFFICIENT: NO DATA
 COEFFICIENT OF WATER/OIL DISTRIBUTION: NO DATA
 FREEZING POINT: NO DATA

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: STABLE UNDER NORMAL CONDITIONS.
 INCOMPATIBILITY: OXIDIZING AGENTS
 CONDITIONS TO AVOID: NONE KNOWN
 HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION PRODUCTS: CARBON DIOXIDE; CARBON MONOXIDE
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 11 – TOXICOLOGICAL INFORMATION

THE TOXICITY DATA LISTED BELOW ARE BASED ON THE RESULTS OF SCREENING TESTS ON THIS SPECIFIC PRODUCT.

EYE CONTACT: A 50% SUSPENSION OF THIS MATERIAL WAS TESTED. THIS MATERIAL IS MILDLY IRRITATING IN RABBIT EYE IRRITATION STUDIES. A SIMILAR DEGREE OF IRRITATION WILL PROBABLY OCCUR AFTER HUMAN EYE CONTACT.

SKIN CONTACT: A 50% SUSPENSION OF THIS MATERIAL WAS TESTED. THIS MATERIAL WAS MODERATELY IRRITATING FOLLOWING A 24-HOUR EXPOSURE TO RABBIT SKIN.

ACUTE ORAL TOXICITY: THE ORAL LD50 IS BETWEEN 5 AND 15 G/KG. THIS MATERIAL IS CLASSIFIED AS "PRACTICALLY NONTOXIC" BY INGESTION.

CARCINOGENICITY: THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY OSHA, IARC AND NTP.

REPRODUCTIVE TOXICITY/

TERATOGENICITY: NO AVAILABLE INFORMATION.

MUTAGENICITY: NO AVAILABLE INFORMATION.

TOXICOLOGICALLY

SYNERGISTIC PRODUCTS: NONE KNOWN.

SECTION 12 – ECOLOGICAL INFORMATION

NO DATA IS AVAILABLE ON THIS PRODUCT.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DISCARDED PRODUCT IS NOT A HAZARDOUS WASTE UNDER RCRA, 40 CFR 261.
CONTAINER DISPOSAL: EMPTY CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL HAZARD PRECAUTIONS. DO NOT DISTRIBUTE, MAKE AVAILABLE, FURNISH OR REUSE EMPTY CONTAINER EXCEPT FOR STORAGE AND SHIPMENT OF ORIGINAL PRODUCT. REMOVE ALL PRODUCT RESIDUE FROM CONTAINER AND PUNCTURE OR OTHERWISE DESTROY EMPTY CONTAINER BEFORE DISPOSAL.

SECTION 14 – TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION: NOT REGULATED
TDG (TRANSPORTATION OF DANGEROUS GOODS): NOT REGULATED

SECTION 15 – REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCES CONTROL ACT) REGULATIONS, 40 CFR 710:
ALL INGREDIENTS ARE ON THE TSCA CHEMICAL SUBSTANCE INVENTORY.
DSL (CANADIAN DOMESTIC SUBSTANCES LIST):
ALL INGREDIENTS ARE LISTED ON THE CANADIAN DSL.
OSHA HAZARD COMMUNICATION STANDARD; 29 CFR 1910.1200, HAZARD SUMMARY:
PHYSICAL HAZARDS: NONE
HEALTH HAZARDS: IRRITANT (EYE)
WHMIS CLASSIFICATION:
NON-CONTROLLED (NON-HAZARDOUS).
CERCLA AND SARA REGULATIONS (40 CFR 355, 370 AND 372):
THIS MATERIAL CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA 313:
**** NO SARA 313 CHEMICALS FOR THIS CHEMICAL ****
SARA 311/312 HAZARD CATEGORIES:
IMMEDIATE: YES
DELAYED: NO
FIRE: NO
PRESSURE: NO
REACTIVITY: NO
STATE REGULATIONS:
CALIFORNIA PROPOSITION 65: WARNING. THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

SECTION 16 – OTHER INFORMATION

WE ASSIGNED NPFA RATINGS AND HMIS RATINGS TO THIS PRODUCT BASED ON THE HAZARDS OF ITS INGREDIENT(S). BECAUSE THE CUSTOMER IS MOST AWARE OF THE APPLICATION OF THE PRODUCT, HE MUST ENSURE THAT THE PROPER PERSONAL PROTECTIVE EQUIPMENT (PPE) IS PROVIDED CONSISTENT WITH INFORMATION CONTAINED IN THE PRODUCT MSDS.*

HMIS INFORMATION:
HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

NPFA INFORMATION:
HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

*THIS INFORMATION IS INTENDED SOLELY FOR THE USE OF INDIVIDUALS TRAINED IN THE PARTICULAR HAZARD RATING SYSTEM.

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