

PEG-15 Tallow Amine

MSDS (Material Safety Data Sheet)

November 12, 2012

Synonym: ETHOXYLATED TALLOW AMINE
Hazard Ratings: Health (3) Fire (1) Reactivity (0)
CTFA Name: PEG-15 TALLOW AMINE
N,N-BIS (POLYOXYETHYL-15) UNSATURATED TALLOW AMINE

SECTION II - PRECAUTIONARY STATEMENT

WARNING! CAUSES SEVERE EYE IRRITATION. WEAR CHEMICAL SPLASH GOGGLES AND PROTECTIVE GLOVES WHEN HANDLING THIS PRODUCT. AVOID INHALATION OF VAPORS, ESPECIALLY WHEN HANDLING HEATED MATERIAL. WASH THOROUGHLY AFTER HANDLING.

SECTION III - HAZARDOUS COMPONENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>%</u>	<u>HAZARD</u>
AMINES, C ₁₄₋₁₈ & C ₁₆₋₁₈ UNSAT'D., ALKYL, ETHOXYLATED	61791-26-2	>99	EYE IRRITANT. EXPOSURE LIMITS NOT ESTABLISHED.

SECTION IV - HEALTH EFFECTS

EYES: CAUSES SEVERE EYE IRRITATION.

SWALLOWING: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

BREATHING: VAPOR, ESPECIALLY UPON HEATING, MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT.

SECTION V - FIRST AID PROCEDURES

ON SKIN:
THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WARM WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY IN HOT WATER WITH HEAVY-DUTY DETERGENT BEFORE RE-USE.

IN EYES:
IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. CALL A PHYSICIAN.

SWALLOWED:
IMMEDIATELY DRINK TWO LARGE GLASSES OF WATER. CALL A PHYSICIAN.

BREATHING:
REMOVE INDIVIDUAL TO FRESH AIR.

SECTION VI - EMPLOYEE PROTECTION

RESPIRATORY:
NOT REQUIRED UNDER NORMAL CONDITIONS OF USE, HOWEVER, A NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CANISTER MAY BE USED TO PROTECT FROM EFFECTS OF OVEREXPOSURE, ESPECIALLY WHEN PRODUCT IS HEATED OR WHERE THERE IS INSUFFICIENT VENTILATION.

HANDS:
WEAR PROTECTIVE GLOVES SUCH AS: NEOPRENE OR BUNA-N.

EYES: CHEMICAL SPLASH GOGGLES ARE RECOMMENDED.

OTHER:
PROVIDE LOCAL EXHAUST AND MECHANICAL VENTILATION IF USED IN CONFINED SPACES, ESPECIALLY IF HEATED.

SECTION VII - PHYSICAL DATA

INIT'L BOILING PT (mm/Hg):	>425°F @760
IF LIQUID AT 68°F	PRODUCT
SPECIFIC GRAVITY:	~0.99 @80°F
VAPOR PRESSURE (mm/Hg):	-
IF LIQUID AT 68°F FOR WHICH SUBLIME:	NOT AVAILABLE
PERCENT VOLATILES:	-
INGREDIENT WITH INITIAL BOILING PT BELOW 425°F:	<1
VAPOR DENSITY OF MOST VOLATILE COMPONENT:	HEAVIER THAN AIR
pH:	10% IN IPA/H ₂ O 9.5-11
PHYSICAL FORM:	LIQUID @ 77°F
SOLUBILITY IN H ₂ O:	SOLUBLE

SECTION VIII - REACTIVITY

HAZARDOUS POLYMERIZATION:	CANNOT OCCUR
STABILITY:	STABLE
INCOMPATIBILITIES:	STRONG OXIDIZING AGENTS

SECTION IX - FIRE AND EXPLOSION DATA

FLASH POINT:	>200°F (SETA)
EXPLOSION LIMIT:	-
UPPER EXPLOSION LIMIT:	UNAVAILABLE
LOWER EXPLOSION LIMIT:	UNAVAILABLE
AUTOIGNITION TEMPERATURE (LOWEST VALUE OF COMPONENTS):	UNAVAILABLE
SPECIAL FIRE FIGHTING PROCEDURES: (INDICATE EQUIPMENT TO PROTECT FIREFIGHTERS FROM TOXIC PRODUCTS/COMBUSTION OR IF WATER IS NOT TO BE USED)	

WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS WITH FULL FACESHIELD. COMBUSTION/DECOMPOSITION PRODUCTS MAY INCLUDE AMINES AND OTHER NITROGEN COMPOUNDS, AS WELL AS CARBON MONOXIDE AND CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

UNUSUAL FIRE AND EXPLOSION

HAZARDS: NONE KNOWN
EXTINGUISHING MEDIA: DRY CHEMICAL, WATER FOG, REGULAR FOAM

SECTION X - SPILL OR LEAK PROCEDURES

PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE AND DIKE ARE OF SPILL TO PREVENT SPREADING. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE ABSORBED ON ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

SECTION XI - WASTE DISPOSAL METHODS

INCINERATION IS THE RECOMMENDED DISPOSAL METHOD FOR ALL CHEMICAL WASTES, ALTHOUGH MATERIAL MAY BE LANDFILLED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. THIS PRODUCT, IF DISPOSED OF, IS NOT CONSIDERED A HAZARDOUS WASTE UNDER CURRENT RCRA REGULATIONS.

SECTION XII - OTHER INFORMATION

THIS PRODUCT (OR COMPONENTS, IF A MIXTURE) HAS NOT BEEN FOUND TO BE A CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC; IS NOT LISTED IN THE NTP THIRD ANNUAL REPORT; NOR IS IT REGULATED BY OSHA AS A CARCINOGEN.

TRANSPORTATION INFORMATION:

THIS PRODUCT IS NOT REGULATED UNDER CURRENT DOT, IMO, OR ICAO REGULATIONS.



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