



ESSA TECHNOLOGIES
15 Barn Swallow Court
Stewartsville; NJ; 08886
USA

PRODUCT: ESSACHEM O**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURERS..... ESSA TECHNOLOGIES
15 Barn Swallow Court
Stewartsville
NJ
USA
08886
(908) 914-6111

PRODUCT NAME ESSACHEM O
CHEMICAL NAME:..... OCTYLDODECYL OLEATE.
MATERIAL USE:..... COSMETIC APPLICATIONS.
CHEMICAL FAMILY:..... NOT AVAILABLE.
CHEMICAL FORMULA:..... NOT APPLICABLE.
MOLECULAR WEIGHT:..... NOT APPLICABLE.

Section 02: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
SKIN CONTACT:..... NOT EXPECTED TO CAUSE SKIN IRRITATION.
SKIN ABSORPTION:..... NOT AVAILABLE.
EYE MAY CAUSE SLIGHT IRRITATION.
INHALATION NO HARMFUL EFFECTS EXPECTED.
INHALATION CHRONIC:..... NOT AVAILABLE.
INGESTION:..... RELATIVELY NON-TOXIC.
EFFECTS OF CHRONIC EXPOSURE:..... NO HARMFUL EFFECTS EXPECTED FROM AVAILABLE INFORMATION.
EFFECTS OF ACUTE EXPOSURE:..... REFER TO ROUTE OF ENTRY.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
OCTYLDODECYL OLEATE	60-100		22801-45-2	NOT AVAILABLE.	NOT AVAILABLE.

Section 04: FIRST AID MEASURES

SKIN:..... ALTHOUGH PRODUCT IS A NON-IRRITANT, AREAS SHOULD BE WASHED WITH SOAP AND WATER.
EYE:..... FLUSH WITH WATER FOR SEVERAL MINUTES.
INHALATION:..... NO EMERGENCY CARE ANTICIPATED.
INGESTION:..... MAY CAUSE NAUSEA, VOMITING AND DIARRHEA.
NOTES TO PHYSICIAN:..... THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF EXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION OF THE PATIENT.
GENERAL ADVICE:..... PRECAUTIONS SHOULD ALWAYS BE TAKEN TO AVOID SKIN/EYE CONTACT WITH ANY CHEMICAL SUBSTANCE.

Section 05: FIRE FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR..... NOT AVAILABLE.
IF YES, UNDER WHICH CONDITIONS?
MEANS OF EXTINCTION:..... CARBON DIOXIDE. ALCOHOL FOAM. WATER SPRAY.
SPECIAL PROCEDURES:..... FIREFIGHTERS SHOULD WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
FLASH POINT, F, COC..... > 200, PMCC.
AUTO IGNITION TEMPERATURE °C:..... NOT AVAILABLE.
T.D.G. FLAMMABLE CLASS:..... NON REGULATED.
UPPER EXPLOSION LIMIT:..... NOT AVAILABLE.
LOWER EXPLOSION LIMIT:..... NOT AVAILABLE.
HAZARDOUS COMBUSTION PRODUCTS.. NOT AVAILABLE.
EXPLOSION DATA:..... NOT AVAILABLE.
SENSITIVITY TO STATIC DISCHARGE:..... NOT AVAILABLE.
SENSITIVITY TO IMPACT:..... NOT AVAILABLE.
RATE OF BURNING:..... NOT AVAILABLE.
EXPLOSIVE POWER:..... NOT AVAILABLE.

PRODUCT: ESSACHEM O**Section 06: ACCIDENTAL RELEASE MEASURES**

CLEAN-UP PROCEDURES, LEAK/SPILL:... AVOID CONTACT WITH SKIN AND EYES. . DO NOT FLUSH TO SEWER!. COLLECT IN SUITABLE AND PROPERLY LABELED CONTAINERS. WASH DOWN AREA AFTER CLEANUP WITH WATER. COLLECT WASHINGS FOR DISPOSAL.

Section 07: HANDLING AND STORAGE

STORAGE NEEDS:..... STORE IN A COOL, DRY AND WELL-VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED. IF STORED AT TEMPERATURES BELOW 65 F(17 C), SLIGHT HAZING CAN OCCUR. SIMPLY MIX GENTLY ABOVE 65 F(17 C).

HANDLING PROCEDURES AND AVOID SKIN AND EYE CONTACT. USE RUBBER GLOVES TO PROTECT THE SKIN, EQUIPMENT: ESPECIALLY WHEN HANDLING THE DRY POWDER. WEAR SAFETY GLASSES, NOT ONLY WHEN WORKING WITH THE DRY MATERIAL BUT ALSO WHEN CLEARING NEGATIVES IN THE AQUEOUS SOLUTION. WHEN USING LARGER QUANTITIES THAN ONE WOULD NORMALLY USE IN A NEGATIVE CLEARING APPLICATION, WE WOULD RECOMMEND A SUITABLE LABORATORY APRON AND TO HAVE IN THE VICINITY, A SAFTY SHOWER AND EYE WASH STATION. WASH HANDS THROUGHLY WITH SOAP AND WATER AFTER EACH USE AND LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

SPECIAL SHIPPING INSTRUCTIONS..... USE PRECAUTION WHEN HANDLING OR SHIPPING ANY CHEMICAL SUBSTANCE.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

GLOVES/TYPE:..... SUITABLE GLOVES.

EYE/TYPE:..... SAFETY GLASSES.

RESPIRATOR/TYPE:..... NONE REQUIRED PROVIDED ADEQUATE VENTILATION IS PRESENT. WHERE REQUIRED, USE A NIOSH-APPROVED RESPIRATOR FOR DUST, MIST AND/OR SULFUR DIOXIDE GAS, AS CONDITIONS INDICATE. SOME EXPOSURE MAY REQUIRE NIOSH-APPROVE D SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED-AIR RESPIRATOR.

FOOTWEAR/TYPE:..... AS REQUIRED BY GENERAL WORK SITUATION.

CLOTHING/TYPE:..... LAB COAT OR COVERALLS.

OTHER/TYPE:..... AN EYE WASH STATION AND SAFETY SHOWER SHOULD BE NEAR THE WORK AREA.

ENGINEERING CONTROLS:..... GOOD GENERAL VENTILATION IS NORMALLY ADEQUATE.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:..... LIQUID.

ODOUR/APPEARANCE:..... CLEAR. MILD ODOUR.

ODOUR THRESHOLD:..... NOT AVAILABLE.

VAPOUR PRESSURE:..... NOT AVAILABLE.

REL. VAPOUR DENSITY..... NOT AVAILABLE.

% VOLATILE:

BY VOLUME..... NOT AVAILABLE.

BY WEIGHT..... NOT AVAILABLE.

EVAPORATION RATE:..... NOT APPLICABLE.

BOILING POINT °C:..... >100°C (212°F).

FREEZING POINT °C:..... NOT APPLICABLE.

MELTING POINT °C:..... NOT AVAILABLE.

pH:..... NOT APPLICABLE.

SPECIFIC GRAVITY:..... 0.99 MG/ML @25 C.

SOLUBILITY IN WATER (20 °C):..... INSOLUBLE.

COEFFICIENT WATER/OIL DIST:..... NOT AVAILABLE.

Section 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:

YES..... YES, UNDER NORMAL CONDITIONS.

NO, WHICH CONDITIONS?

COMPATIBILITY WITH OTHER SUBSTANCES:

YES..... NONE KNOWN.

NO, WHICH ONES?

REACTS VIOLENTLY WITH..... NOT AVAILABLE.

DECOMPOSITION:..... NOT AVAILABLE.

PRODUCT: ESSACHEM O**Section 11: TOXICOLOGICAL INFORMATION**

ACUTE ORAL TOXICITY..... NOT AVAILABLE.
 LC 50 OF MATERIAL, SPECIES & ROUTE:.. NOT AVAILABLE.
 EXPOSURE LIMIT OF MATERIAL:..... NOT AVAILABLE.
 IRRITANCY OF MATERIAL:..... NOT AVAILABLE.
 SENSITIZING CAPABILITY OF MATERIAL: NOT AVAILABLE.
 CARCINOGENICITY OF MATERIAL:..... NONE.
 REPRODUCTIVE EFFECTS:..... NOT AVAILABLE.
 REPRODUCTIVE TOXICITY:..... NOT AVAILABLE.
 MUTAGENICITY:..... NOT AVAILABLE.
 TERATOGENICITY & EMBRYOTOXICITY:.. NOT AVAILABLE.
 SYNERGISTIC MATERIALS:..... NOT AVAILABLE.
 MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: A KNOWLEDGE OF THE AVAILABLE TOXICOLOGY INFORMATION AND OF THE PHYSICAL AND CHEMICAL PROPERTIES OF THE MATERIAL SUGGESTS THAT OVEREXPOSURE IS UNLIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

Section 12: ECOLOGICAL INFORMATION

BIODEGRADABILITY..... NOT AVAILABLE.
 ENVIRONMENTAL..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL, METHOD AND EQUIPMENT: ALL WASTE FROM THIS PRODUCT INCLUDING ALL EMPTY CONTAINERS MUST BE DISPOSED OF IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION:..... NON REGULATED.
 T.D.G. SHIPPING NAME:..... NOT APPLICABLE.
 T.D.G. SHIPPING INFORMATION:..... NOT APPLICABLE.

Section 15: REGULATORY INFORMATION

EINECS #..... 245-228-3.
 WHMIS CLASSIFICATION:..... NOT CONTROLLED.
 CPR COMPLIANCE..... THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.

Section 16: OTHER INFORMATION

MANUFACTURERS MSDS DATE:..... 1/1/2013.
 NOTES:..... To promote safe handling, each customer or recipient should: (1) notify its employees, agents, contractors and others whom it knows or believes will use this material of the information in this MSDS and any other information regarding hazards or safety, (2) furnish this same information to each of its customers for the product; and (3) requests its customers to notify their employees, customers, and other users of the product of this information. TC USA: The information on this Material Safety Data Sheet has been obtained from the manufacturer, and where applicable, from other reliable sources such as CCOHS and RTECS. However, TC USA, makes no warranties, expressed or implied, as to the accuracy, completeness or accuracy of the information contained herein, and shall not held liable (regardless of fault) to anyone directly or indirectly for damages or injuries in the use of this product arising out of or in connection with the accuracy, completeness or adequacy of such information.

PREPARED BY Regulatory Affairs
 PREPARATION DATE Jan01/13