



TCUSA  
34 Clayson Rd.  
Toronto, Ontario, M9M 2G8  
Canada

PRODUCT: ESSACHEM SM®

### SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURERS..... TC USA  
34 CLAYSON ROAD  
TORONTO  
ONTARIO  
CANADA  
M9M 2G8

PRODUCT NAME..... ESSACHEM SM®  
CHEMICAL NAME..... NOT AVAILABLE  
CHEMICAL FAMILY..... NOT AVAILABLE  
CHEMICAL FORMULA..... NOT APPLICABLE  
MOLECULAR WEIGHT..... NOT APPLICABLE  
MATERIAL USE..... COSMETIC APPLICATIONS. PERSONAL CARE APPLICATIONS.

### SECTION 02: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION..... NOT ASSESSED.  
SIGNAL WORD..... NOT ASSESSED.  
HAZARD STATEMENT..... NOT ASSESSED.  
PRECAUTIONARY STATEMENT..... NOT ASSESSED.  
OTHER HAZARDS..... NOT ASSESSED.

### SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
OCTYLDODECYL OLEATE	22801-45-2	30-50

### SECTION 04: FIRST AID MEASURES

SKIN:..... REMOVE AFFECTED CLOTHING AND WASH ALL EXPOSED SKIN AREA WITH MILD SOAP AND WATER, FOLLOWED BY WARM WATER RINSE.  
EYE:..... RINSE IMMEDIATELY WITH PLENTY OF WATER. OBTAIN MEDICAL ATTENTION IF PAIN, BLINKING OR REDNESS PERSISTS.  
INHALATION:..... ALLOW VICTIM TO BREATHE FRESH AIR. ALLOW VICTIM TO REST.  
INGESTION:..... RINSE MOUTH. DO NOT INDUCE VOMITING. OBTAIN EMERGENCY MEDICAL ATTENTION.  
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

MEANS OF EXTINCTION:..... CARBON DIOXIDE. ALCOHOL FOAM. WATER SPRAY.  
UNSUITABLE EXTINGUISHING MEDIA:..... DO NOT USE A HEAVY WATER STREAM.  
HAZARDOUS COMBUSTION PRODUCTS:..... NOT AVAILABLE.  
FLAMMABLE LIMITS IN AIR..... NOT AVAILABLE.  
IF YES, UNDER WHICH CONDITIONS?  
T.D.G. FLAMMABLE CLASS:..... NON REGULATED.  
SPECIAL PROCEDURES:..... FIREFIGHTERS SHOULD WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

### SECTION 06: ACCIDENTAL RELEASE MEASURES

CLEAN-UP PROCEDURES, LEAK/SPILL:.... SOAK UP SPILLS WITH INERT SOLIDS, SUCH AS CLAY OR DIATOMACEOUS EARTH AS SOON AS POSSIBLE. COLLECT SPILLAGE. STORE AWAY FROM OTHER MATERIALS. VENTILATE AREA. STOP LEAK IF SAFE TO DO SO.

### SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT:..... ENSURE ADEQUATE VENTILATION. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.  
STORAGE NEEDS:..... STORE IN A COOL, DRY AND WELL-VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED.  
SPECIAL SHIPPING INSTRUCTIONS..... USE PRECAUTION WHEN HANDLING OR SHIPPING ANY CHEMICAL SUBSTANCE.

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SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
EXPOSURE LIMIT OF MATERIAL:	NOT AVAILABLE.					
PROTECTIVE EQUIPMENT:						
GLOVES/TYPE:	SUITABLE GLOVES.					
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.					
EYE/TYPE:	SAFETY GLASSES. CHEMICAL GOGGLES.					
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:	TMS. CHARACTERISTIC ODOUR.
ODOUR THRESHOLD:	NOT AVAILABLE.
pH:	4.5-6.5 (@ 25C, TBD).
MELTING POINT °C:	NOT AVAILABLE.
FREEZING POINT °C:	NOT APPLICABLE.
BOILING POINT °C:	NOT AVAILABLE.
FLASH POINT, F, COC:	NOT AVAILABLE.
EVAPORATION RATE:	NOT APPLICABLE.
% VOLATILE:	
BY VOLUME:	NOT AVAILABLE.
BY WEIGHT:	NOT AVAILABLE.
UPPER EXPLOSION LIMIT:	NOT AVAILABLE.
LOWER EXPLOSION LIMIT:	NOT AVAILABLE.
VAPOUR PRESSURE:	NOT AVAILABLE.
RELATIVE DENSITY:	0.85-1.1 (@ 25C, TBD).
SPECIFIC GRAVITY:	0.99 MG/ML @25 C.
SOLUBILITY IN WATER (20 °C):	SOLUBLE IN WATER.
COEFFICIENT WATER/OIL DIST.:	NOT AVAILABLE.
AUTO IGNITION TEMPERATURE °C:	NOT AVAILABLE.

SECTION 10: STABILITY AND REACTIVITY

REACTS VIOLENTLY WITH:	NONE KNOWN.
CHEMICAL STABILITY:	
YES:	YES, UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?:	EXTREMELY HIGH OR LOW TEMPERATURES.
COMPATIBILITY WITH OTHER SUBSTANCES:	
YES:	NONE KNOWN.
NO, WHICH ONES?	
RATE OF BURNING:	NOT AVAILABLE.
EXPLOSIVE POWER:	NOT AVAILABLE.
EXPLOSION DATA:	NOT AVAILABLE.
SENSITIVITY TO STATIC DISCHARGE:	NOT AVAILABLE.
SENSITIVITY TO IMPACT:	NOT AVAILABLE.
DECOMPOSITION:	CARBON MONOXIDE. FUME. CARBON DIOXIDE.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
OCTYLDODECYL OLEATE	NOT AVAILABLE.	NOT AVAILABLE.
ROUTE OF ENTRY:	EYE, SKIN CONTACT, INHALATION, INGESTION.	
IRRITANCY OF MATERIAL:	NOT AVAILABLE.	
SKIN CONTACT:	NOT EXPECTED TO CAUSE SKIN IRRITATION.	
SKIN ABSORPTION:	NOT AVAILABLE.	
EYE:	CAUSES EYE IRRITATION. MAY CAUSE MINOR TRANSIENT EYE IRRITATION.	
INGESTION:	NOT AVAILABLE.	
INHALATION:	NO HARMFUL EFFECTS EXPECTED.	

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## SECTION 11: TOXICOLOGICAL INFORMATION

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.
EFFECTS OF ACUTE EXPOSURE:	REFER TO ROUTE OF ENTRY.
EFFECTS OF CHRONIC EXPOSURE:	NO HARMFUL EFFECTS EXPECTED FROM AVAILABLE INFORMATION.
INHALATION CHRONIC:	NOT AVAILABLE.
REPRODUCTIVE EFFECTS:	NOT AVAILABLE.
REPRODUCTIVE TOXICITY:	NOT AVAILABLE.
SENSITIZING CAPABILITY OF MATERIAL:	NOT AVAILABLE.
SYNERGISTIC MATERIALS:	NOT AVAILABLE.
MUTAGENICITY:	NOT AVAILABLE.
TERATOGENICITY & EMBRYOTOXICITY:	NOT AVAILABLE.
CARCINOGENICITY OF MATERIAL:	NONE.
ACUTE ORAL TOXICITY:	NOT AVAILABLE.
LC 50 OF MATERIAL, SPECIES & ROUTE:	54000 MG/L (96 H; SALMO GAIRDNERI(ONCORHYNCHUS MYKISS); LETHAL). >5000 MG/L FISH (CARASSIUS AURATUS).

## SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL:	NO KNOWN ECOLOGICAL DAMAGE CAUSED BY THIS PRODUCT.
BIODEGRADABILITY:	READILY BIODEGRADABLE.

## 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.
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## 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

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.
CALIFORNIA PROPOSITION 65:	NONE.
EINECS #:	241-651-2.

## SECTION 16: OTHER INFORMATION

MANUFACTURERS MSDS DATE:	5/27/2015.
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:	JUL15/15