



### Health and Safety Data

PRODUCT IDENTIFICATION	PRODUCT NAME:	Ultrasonic cleaner for Glass and Optics			
	PRODUCT CODE:	UT/OPT01			
	PRODUCT TYPE:	CLEANER AND DEGREASER			
	SUPPLIER:	Shesto Limited 3 Century Court, Tolpits Lane, Watford Hertfordshire, WD18 9RS Tel: +44 (0)208 451 6188			
	WEBSITE:	www.shesto.co.uk			
	DATE ISSUED:	18-08-15			
COMPOSITION/ INFORMATION ON INGREDIENTS	INGREDIENTS	CAS NO.	WT%	HEALTH	RISK
	sodium metasilicate non ionic surfactants glycol ether	6834-92-0  111-76-2	1-10 1-5 5-20	Xi  Xn	36/38  20/21/22,3
HAZARDS IDENTIFICATION	HUMAN HEALTH HAZARDS: ENVIRONMENTAL HAZARDS:	Irritant to eyes and skin			
FIRST AID MEASURES	EYES:	Rinse immediately with plenty of water and seek medical advice.			
	INGESTION: SKIN:	Do not induce vomiting. Drink plenty of water. Remove all contaminated clothing. Wash immediately with plenty of water. If irritation persists seek medical advice.			
	INHALATION:	Remove to fresh air. If breathing problems occur seek medical advice.			
FIRE FIGHTING MEASURES	EXTINGUISHER: UNSUITABLE EXTINGUISHER: HAZARDS: PROTECTIVE EQUIPMENT:	Compatible with all standard fire fighting techniques.   As for personal protection.			
ACCIDENTAL RELEASE MEASURES	SPILLAGE CLEANUP:	Wash away to drain with plenty of water. Contain and absorb with sand or earth.			
	PERSONAL PRECAUTIONS: ENVIRONMENTAL:	As for 'exposure controls - personal protection'. For large spillages collect for disposal. Inform local authorities for advice.			
HANDLING AND STORAGE	HANDLING: STORAGE:	As for 'exposure controls - personal protection'. Store in original containers under dry conditions. Avoid extremes of temperature.			
EXPOSURE CONTROLS/ PERSONAL PROTECTION	EXPOSURE CONTROL: RESPIRATORY: SKIN: EYES:	OES-LTEL = not listed, OES - STEL = 2mg.m-3 No special requirements. Good ventilation is normally sufficient. Rubber or PVC gloves. Eye goggles or a face shield.			



PHYSICAL & CHEMICAL PROPERTIES	APPEARANCE:	Clear liquid
	ODOUR:	slight.
	pH:	12 - 13
	BOILING POINT (C):	100
	MELTING POINT (C):	N/A
	EXPLOSIVE PROPERTIES:	N/A
	AUTO IGNITION TEMP:	N/A
	FLASH POINT (C):	N/A
	SPECIFIC GRAVITY :	1.2
	VISCOSITY (cP,c):	1 - 10
SOLUBILITY IN WATER:	soluble	
STABILITY AND: REACTIVITY	STABILITY:	stable
	MATERIALS TO AVOID:	Acids, acid anhydrides.
	CONDITIONS TO AVOID:	
	HAZARDOUS DECOMPOSITION PRODUCTS:	
TOXICOLOGICAL EYES: INFORMATION	Eyes:	Irritation leading to burns.
	SKIN:	Irritation leading to burns. Possible dermatitis.
	INGESTION:	Concentrate may cause burning of the throat and possible damage to internal organs.
	INHALATION:	Mist may cause coughing, choking and respiratory difficulties.
	OTHER;	Health problems are greatly reduced when product is diluted and used as directed.
ECOLOGICAL INFORMATION	MOBILITY:	Mobile
	DEGRADABILITY:	All surfactants are readily degradable.
	BIO-ACCUMULATION:	No evidence of bio-accumulation or tainting of seafood (4)
	AQUATIC TOXICITY:	LC50 96 hr 100-1000mg/L (4) (pure sodium metasilicate)
DISPOSAL	MATERIALS:	Contain and absorb with sand or earth.
	PACKAGING:	Can be recycled after thorough rinsing.
	OTHER:	Dispose of any hazardous waste in accordance with waste disposal or water authority regulations.
TRANSPORT INFORMATION	UN NO:	
	ADR/RID	
	HAZCHEM CODE:	
	IMDG CLASS	
	IMDG PAGE	
REGULATORY INFORMATION	CLASSIFICATION:	Irritant.
	RISK PHRASES:	R36/38 Irritating to eyes and skin.
	SAFETY PHRASES:	S2 keep out of reach of children.
		S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
		S28 After contact with skin, wash immediately with plenty of water.
S36/37/39 Wear suitable protective clothing, gloves and eye face protection.		
OTHER INFORMATION	Read the label before opening the container.	

