




## MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION	PRODUCT NAME: PRODUCT CODE:  PRODUCT TYPE:  SUPPLIER:  WEBSITE: DATE ISSUED: EMERGENCY TEL:	Ultrasonic cleaner for carburettors US-SO-CAR-1L, US-SO-CAR-5L US-SO-CAR-25L CLEANER AND DEGREASER  ALLENDALE ULTRASONICS PINDAR ROAD, HODDESDON, EN11 0BZ. Tel: 01992 455925 Fax: 01992 450781 www.allendale-ultrasonics.co.uk 17-01-2019 +00 448 706 006 266 NHS DIRECT – 0845 4647 or 111 National Poisons Information Service (Birmingham Centre), City Hospital, Dudley Rd, Birmingham. U.K
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HAZARDS IDENTIFICATION	CLASSIFICATION UNDER CLP:	Eye Dam. 1: H318; Skin Irrit. 2: H315
	MOST IMPORTANT ADVERSE EFFECTS:	Causes skin irritation. Causes serious eye damage.
	HAZARD STATEMENTS:	H315: Causes skin irritation.
	SIGNAL WORDS:	Danger.
	HAZARD PICTOGRAMS:	GHS05: Corrosion. 
	PRECAUTIONARY STATEMENTS:	P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+352: IF ON SKIN: Wash with plenty of water. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER or doctor/physician. P321: Specific treatment (see instructions on this label).
	PBT:	This product is not identified as a PBT/vPvB substance.

COMPOSITION/ INFORMATION ON INGREDIENTS	INGREDIENTS	EINECS	CAS	CLP CLASSIFICATION	PERCENT
		DISODIUM METASILICATE	229-912-9	6834-92-0	Skin Corr. 1B: H314; STOT SE 3: H335
	PROPAN-2-OL	200-661-7	67-63-0	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
	2-BUTOXYETHANOL	203-905-0	111-76-2	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
	ALCOHOLS, C12-13-BRANCHED AND LINEAR, ETHOXYLATED (>5 - <15 EO)	931-954-4	160901-19-9	Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Chronic 3: H412	1-10%
	2-AMINOETHANOL	205-483-3	141-43-5	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314	<1%



FIRST AID MEASURES	<u>DESCRIPTIONS OF FIRST AID</u>	
	SKIN CONTACT:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
	EYE CONTACT:	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
	INGESTION:	Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.
	INHALATION:	Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.
	<u>SYMPTOMS</u>	
	SKIN CONTACT:	Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
EYE CONTACT:	Corneal burns may occur. May cause permanent damage.	
INGESTION:	Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.	
INHALATION:	There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.	
DELAYED / IMMEDIATE EFFECTS:	Immediate effects can be expected after short-term exposure.	
FIRE-FIGHTING MEASURES	IMMEDIATE / SPECIAL TREATMENT:	Eye bathing equipment should be available on the premises.
	EXTINGUISHING MEDIA:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
	EXPOSURE HAZARDS:	Corrosive. In combustion emits toxic fumes.
	ADVICE FOR FIRE-FIGHTERS:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
ACCIDENTAL RELEASE MEASURES	PERSONAL PRECAUTIONS:	Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
	ENVIRONMENTAL PRECAUTIONS:	Do not discharge into drains or rivers. Contain the spillage using bunding.





**CLEAN-UP PROCEDURES:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**REFERENCE TO OTHER SECTIONS:** Refer to section 8 of SDS.

**HANDLING AND STORAGE**      **HANDLING REQUIREMENTS:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

**STORAGE CONDITIONS:** Store in a cool, well ventilated area. Keep container tightly closed.

**SPECIFIC END USE(S):** No data available

**EXPOSURE CONTROLS / PERSONAL PROTECTION**

**HAZARDOUS INGREDIENTS:**

PROPAN-2-OL:  
2-BUTOXYETHANOL:  
2-AMINOETHANOL

State	WORKPLACE EXPOSURE LIMITS		RESPIRABLE DUST	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>	-	-
UK	25 ppm	50 ppm	-	-
UK	2.5mg/m <sup>3</sup>	7.6 mg/m <sup>3</sup>	-	-

**DNEL / PNEC:** No data available

**ENGINEERING MEASURES:** Ensure there is sufficient ventilation of the area.

**RESPIRATORY PROTECTION:** Self-contained breathing apparatus must be available in case of emergency.

**HAND PROTECTION:** Impermeable gloves.

**EYE PROTECTION:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**SKIN PROTECTION:** Impermeable protective clothing.

**PHYSICAL AND CHEMICAL PROPERTIES**

**STATE:** Liquid  
**COLOUR:** Colourless  
**ODOUR:** Characteristic odour  
**EVAPORATION RATE:** No data available.  
**OXIDISING:** No data available.  
**SOLUBILITY IN WATER:** No data available.  
**VISCOSITY:** No data available.  
**BOILING POINT / RANGE°C:** No data available.  
**FLAMMABILITY LIMITS %**  
**LOWER:**  
**FLASH POINT°C:** No data available.  
**AUTOFLAMMABILITY°C:** No data available.  
**RELATIVE DENSITY:** No data available.  
**VOC G/L:** No data available.  
**MELTING POINT / RANGE°C:** No data available.  
**UPPER:** No data available.  
**PART.COEFF. N-OCTANOL/WATER:** No data available.  
**VAPOUR PRESSURE:** No data available.  
**PH:** 13.0 - 14.0



STABILITY AND REACTIVITY	OTHER INFORMATION:	No data available.
	REACTIVITY:	Stable under recommended transport or storage conditions.
	CHEMICAL STABILITY:	Stable under normal conditions.
	HAZARDOUS REACTIONS:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
	CONDITIONS TO AVOID:	Heat.
	MATERIALS TO AVOID:	Strong oxidising agents. Strong acids.
	HAZ. DECOMP. PRODUCTS:	In combustion emits toxic fumes.

TOXICOLOGICAL INFORMATION	<u>HAZARDOUS INGREDIENTS:</u>						
	DISODIUM METASILICATE	ORL	MUS	LD50	770	mg/kg	
		ORL	RAT	LD50	1153	mg/kg	
	PROPAN-2-OL:	IVN	RAT	LD50	1088	mg/kg	
		ORL	MUS	LD50	3600	mg/kg	
		ORL	RAT	LD50	5045	mg/kg	
		SCU	MUS	LDLO	6	mg/kg	
	2-BUTOXYETHANOL:	IVN	RAT	LD50	307	mg/kg	
		ORL	MUS	LD50	1230	mg/kg	
		ORL	RAT	LD50	470	mg/kg	
	2-AMINOETHANOL:	IVN	RAT	LD50	225	mg/kg	
		ORL	MUS	LD50	700	mg/kg	
		ORL	RAT	LD50	1720	mg/kg	
		SCU	RAT	LD50	1500	mg/kg	
	RELEVANT HAZARDS FOR SUBSTANCE:	<u>HAZARD</u>		<u>ROUTE</u>	<u>BASIS</u>		
		Skin corrosion / irritation		DRM	Hazardous: Calculated		
		Serious eye damage / irritation		OPT	Hazardous: Calculated		
	SKIN CONTACT:	Blistering may occur. Progressive ulceration will occur if treatment is not immediate.					
EYE CONTACT:	Corneal burns may occur. May cause permanent damage.						
INGESTION:	Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.						
INHALATION:	There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.						
DELAYED / IMMEDIATE EFFECTS:	Immediate effects can be expected after short-term exposure.						

ECOLOGICAL INFORMATION	BIOACCUMULATIVE POTENTIAL:	No bioaccumulation potential.
	MOBILITY:	Readily absorbed into soil.



BIOACCUMULATIVE POTENTIAL:	No bioaccumulation potential.
MOBILITY:	Readily absorbed into soil.
PBT IDENTIFICATION:	This product is not identified as a PBT/vPvB substance.
OTHER ADVERSE EFFECTS:	Negligible ecotoxicity.

DISPOSAL CONSIDERATIONS	DISPOSAL OPERATIONS:	Transfer to a suitable container and arrange for collection by specialised disposal company.
	NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

TRANSPORT INFORMATION	UN NUMBER:	UN1760
	SHIPPING NAME:	CORROSIVE LIQUID, N.O.S.
	TRANSPORT CLASS:	8
	PACKING GROUP:	II
	ENVIRONMENTALLY HAZARDOUS:	No
	MARINE POLLUTANT:	No
	SPECIAL PRECAUTIONS:	No special precautions.
	TUNNEL CODE:	E
TRANSPORT CATEGORY:	2	

OTHER INFORMATION	SPECIFIC REGULATIONS:	Not applicable
	OTHER INFORMATION:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. * Indicates text in the SDS which has changed since the last revision
	PHRASES USED IN S.2 AND S.3:	H225: Highly flammable liquid and vapour. H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H412: Harmful to aquatic life with long lasting effects.
LEGAL DISCLAIMER:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.	

## Contact Details

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