

SAFETY DATA SHEET

# SERENITY HYGIENE HEAVY DUTY DEGREASER

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product name:	SERENITY HYGIENE HEAVY DUTY DEGREASER
Product code:	SH49
1.2. Relevant identified uses	of the substance or mixture and uses advised against
Identified uses:	PC35: Washing and cleaning products (including solvent based products).
1.3. Details of the supplier o	f the safety data sheet
Company:	SERENITY HYGIENE LTD 6-12 Royal Cres Rd, Southampton SO14 3FS
Telephone:	+44 (0) 330 043 1029
Email:	info@serenityhygiene.com
1.4. Emergency telephone n	umber
Emergency contact number: (9am to 5pm Monday to Friday excluding bank holidays):	02380 986238 ask for technical, quoting the product name.
Emergency Action:	In the event of a medical enquiry involving this product outside of these hours, please contact your doctor or local hospital accident and emergency department or the NHS enquiry service (dial 111) again quoting product name and where applicable present this SDS to the medical professional.

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

Classification under CLP:	Eye Irrit. 2: H319
Most important adverse effects:	Causes serious eye irritation.
2.2. Label elements	
Hazard statements:	H319: Causes serious eye irritation.
Hazard pictograms:	GHS07: Exclamation mark
Pictogram:	
Signal word:	Warning
Precautionary statements:	P264: Wash hands thoroughly after handling. P280: Wear protective gloves/eye protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.



#### 2.3. Other hazards

PBT:

This product is not identified as a PBT/vPvB substance.

## SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Component	PBT / WEL	CLP Classification	Concentration
DIPROPYLENEGLYCOL METHYLETHER REACH registered number(s): 01-2119450011-60 EINECS 252-104-2 CAS number: 34590-94-8	Substance with a Community workplace exposure limit.	-	1-10%
3-BUTOXYPROPAN-2-OL EINECS 225-878-4 CAS number: 5131-66-8	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
ALCOHOLS, C12-13- BRANCHED AND LINEAR, ETHOXYLATED (>= 2.5 EO) CAS number: 160901-19-9		Aquatic Chronic 3: H412; Eye Dam. 1: H318; Acute Tox. 4: H302	1-10%

#### **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

Inhalation:	Not applicable.
Ingestion:	Wash out mouth with water.
Skin contact:	Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Ingestion:	There may be soreness and redness of the mouth and throat.
Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely.
Delayed/immediate effects:	Immediate effects can be expected after short-term exposure.



Specific treatments:	Eye bathing equipment should be available on the premises.
SECTION 5: Firefighting me	easures
5.1. Extinguishing media	
Suitable extinguishing media:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
5.2. Special hazards arising f	rom the substance or mixture
Exposure hazards:	In combustion emits toxic fumes.
5.3. Advice for firefighters	
Special protective equipment for firefighters:	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing to prevent contact with skin and eyes.
SECTION 6: Accidental rele	ase measures
6.1. Descend procesutions of	otective equipment and emergency procedures
Personal precautions:	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.
6.2. Environmental precautio	ns
Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
6.3. Methods and material fo	r containment and cleaning up
Methods for cleaning up:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
6.4. Reference to other secti	ons
Reference to other sections:	See section 8 for further information
SECTION 7: Handling and s	torage
7.1. Precautions for safe han	dling
Handling requirements:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
7.2. Conditions for safe store	ge, including any incompatibilities
Storage conditions:	Store in a cool, well ventilated area. Keep container tightly closed.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.



## **SECTION 8: Exposure Controls/personal protection**

## 8.1. Control parameters

Hazardous ingredients: DIPROPYLENEGLYCOL METHYLETHER				
Workplace exposure	limits:		Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	55 ppm; 308 mg/m3	-	-	-

DNEL / PNEC:

No data available.

8.2. Exposure controls

Protective equipment:	
Appropriate engineering controls:	Ensure there is sufficient ventilation of the area.
Eye/face protection:	Safety glasses. Ensure eye bath is to hand.
Hand protection:	Protective gloves.
Respiratory protection:	Respiratory protection not required.

## **SECTION 9: Physical and Chemical Properties**

## 9.1. Information on basic physical and chemical properties

Appearance:	Liquid.		
Colour:	Orange/pink		
Odour:	Characteristic odour		
Evaporation rate:	No data available.		
Oxidising:	No data available.		
Solubility in water:	Soluble		
Viscosity:	Non-viscous		
Boiling point/range°C:	Not applicable.	Melting point/range°C:	Not applicable.
Flammability limits %:	Lower: Not applicable.	Upper:	Not applicable.
Flash point°C:	Not applicable.	Part.coeff. n-octanol/water:	Not applicable.
Autoflammability°C:	Not applicable.	Vapour pressure:	Not applicable.
Relative density:	1.01 - 1.04	pH:	11.0 - 11.5
VOC g/l:	Not applicable.		



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Other information:	No data available.				
ECTION 10: Stability	y and reactivity				
10.1. Reactivity					
Reactivity:	Stable under re	commended transport or st	orage conditions.		
10.2. Chemical stabilit	<u>y</u>				
Stability:	Stable under no	ormal conditions.			
10.3. Possibility of haz	zardous reactions				
Possibility of hazardous reactions:		actions will not occur un may occur on exposure to o			
10.4. Conditions to avo	oid				
Conditions to avoid;	Heat.				
10.5. Incompatible ma	terials				
Materials to avoid:	Strong oxidising	g agents. Strong acids.			
10.6. Hazardous decon	position products				
	inposition products				
Hazardous decomposit		emits toxic fumes.			
Hazardous decomposit products:	ion In combustion e	emits toxic fumes.			
Hazardous decomposit products: <b>ECTION 11: Toxicolo</b>	ion In combustion o	emits toxic fumes.			
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Hazardous decomposit products: SECTION 11: Toxicolo 11.1. Information on to Hazardous ingredients: DIPROPYLENEGLYCO DERMAL	ion In combustion of ogical information	emits toxic fumes.	9150	mg/kg	
Hazardous decomposit products: ECTION 11: Toxicolo 11.1. Information on to Hazardous ingredients: DIPROPYLENEGLYCO	ion In combustion of optical information oxicological effects		9150 5135	mg/kg mg/kg	
Hazardous decomposit products: ECTION 11: Toxicolo 11.1. Information on to Hazardous ingredients: DIPROPYLENEGLYCO DERMAL	ion In combustion of optical information oxicological effects COL METHYLETHER RBT RAT RAT	LD50			



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# SERENITY HYGIENE HEAVY DUTY DEGREASER

ALCOHOLS, C12-13- BRANCHED AND LINEAR, ETHOXYLATED (>= 2.5 EO)						
DERMAL	RBT		LD50		>2000	mg/kg
ORAL	RAT		LD50		>300-2000	mg/kg
Relevant hazards for product:						
Hazard Route				Basis		

Hazard	Route	Basis
Serious eye damage/irritation	ОРТ	Hazardous: calculated

Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Ingestion:	There may be soreness and redness of the mouth and throat.
Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely.
Delayed/immediate effects:	Immediate effects can be expected after short-term exposure.

## **SECTION 12: Ecological Information**

## 12.1. Toxicity

Hazardous ingredients:

DIPROPYLENEGLYCOL METHYLETHER			
DAPHNIA	48H EC50	1919	mg/l
FISH	96H LC50	10000	mg/l
GREEN ALGA (Selenastrum capricornutum)	96H LC50	> 969	mg/l

## 12.2. Persistence and degradability

Persistence and The product is biodegradable. degradability:

## 12.3. Bioaccumulative potential

Bioaccumulative potential:	No bioaccumulation potential.
12.4. Mobility in soil	
Mobility:	Readily absorbed into soil.



# 12.5. Results of PBT and vPvB assessment Results of PBT and vPvB assessment: 12.6. Other adverse effects Other adverse effects: Negligible ecotoxicity.

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Disposal methods:	Transfer to a suitable container and arrange for collection by specialised disposal company.
N.B.	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

#### **SECTION 14: Transport information**

Transport class:	This product does not require a classification for transport.
SECTION 15: Regulatory information	

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

#### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

#### **SECTION 16: Other information**

Revision date: Revision:	20/06/2018 10
Supersedes date:	11/01/2017
Other information:	According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Phrases used in s.2 and s.3:	H302: Harmful if swallowed. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H412: Harmful to aquatic life with long lasting effects.

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