

**SAFETY DATA SHEET**  
HEAVY DUTY CITRUS DEGREASER

Page:1

Compilation date:01/08/2010

Revision date:017/03/2015

Revision No:8

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** HEAVY DUTY CITRUS DEGREASER

**Product code:**326

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:**PC35: Washing and cleaning products (including solvent based products).

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Essential Supplies Ltd

Unit 10 Millway

Old Mill Lane Industrial Estate

Mansfield Woodhouse

Nottinghamshire

NG19 9BG

United Kingdom

**Tel:** 01623 646 000

01157 080 255

**Email:** sales@esl-online.co.uk

**1.4. Emergency telephone number**

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:**Skin Corr. 1A: H314; Aquatic Chronic 3: H412; -: EUH208

**Most important adverse effects:**Contains limonene ( citrus dulcis ). May produce an allergic reaction. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:**EUH208: Contains limonene ( citrus dulcis ). May produce an allergic reaction.

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

**Signal words:**Danger

**Hazard pictograms:**GHS05: Corrosion



[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CITRUS DEGREASER

Page:2

**Precautionary statements:**P102: Keep out of reach of children.

P282: Wear eye protection.

P280: Wear protective gloves.

P260: Do not breathe spray.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P314: Get medical attention if you feel unwell.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P332+313: If skin irritation occurs: Get medical attention.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical attention.

P362: Take off contaminated clothing.

**2.3. Other hazards**

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

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

ISOTRIDECANOLETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	69011-36-5	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%

C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)

POLYMER	160875-66-1	-	Eye Dam. 1: H318	1-10%
---------	-------------	---	------------------	-------

2-(2-BUTOXYETHOXY)ETHANOL

203-961-6	112-34-5	-	Eye Irrit. 2: H319	1-10%
-----------	----------	---	--------------------	-------

LIMONENE ( CITRUS DULCIS )

232-433-8	8028-48-6	-	Flam. Liq. 3: H226; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304	<1%
-----------	-----------	---	--	-----

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:**Wash immediately with plenty of soap and water. Rinse skin with water.

**Eye contact:**Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CITRUS DEGREASER

Page:3

**Ingestion:**Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:**Transfer to hospital as soon as possible.

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

**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. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:**There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:**There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:**Immediate effects can be expected after short-term exposure.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:**Eye bathing equipment should be available on the premises.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:**Water.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:**In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:**Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:**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.

**6.2. Environmental precautions**

**Environmental precautions:**Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:**Transfer to a suitable container.

**6.4. Reference to other sections**

**Reference to other sections:**Refer to section 8 of SDS.

**Section 7: Handling and storage**

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CITRUS DEGREASER

Page:4

**7.1. Precautions for safe handling**

**Handling requirements:**Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Avoid the formation or spread of mists in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:**Store in a cool, well ventilated area. Keep container tightly closed.  
**Suitable packaging:**Polyethylene. Stainless steel.

**7.3. Specific end use(s)**

**Specific end use(s):**No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**2-(2-BUTOXYETHOXY)ETHANOL**

**Workplace exposure limits:**

**Respirable dust**

State 8 hour TWA 15 min. STEL	8 hour TWA 15 min. STEL
UK 67.5 mg/m <sup>3</sup> 101.2 mg/m <sup>3</sup>	--

**DNEL/PNEC Values**

**DNEL / PNEC**No data available.

**8.2. Exposure controls**

**Engineering measures:**Ensure there is sufficient ventilation of the area.

**Respiratory protection:**Respiratory protection not required.

**Hand protection:**Protective gloves. Gloves (alkali-resistant).

**Eye protection:**Safety glasses. Ensure eye bath is to hand.

**Skin protection:**Protective clothing.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:**Liquid

**Colour:**Orange

**Odour:**Pleasant

**Evaporation rate:**Moderate

**Oxidising:**Non-oxidising (by EC criteria)

**Solubility in water:**Soluble

**Also soluble in:**Ethanol.

**Viscosity:**Non-viscous

**Boiling point/range°C:**100

**Melting point/range°C:**0

**Flammability limits %: lower:**Not applicable.

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CITRUS DEGREASER

Page:5

Flash point°C:Not applicable.  
Autoflammability°C:Not applicable.  
Relative density:1.0 - 1.1  
VOC g/l:Not applicable.

upper:Not applicable.  
Part.coeff. n-octanol/water:Not applicable.  
Vapour pressure:Not applicable.  
pH:12.8

**9.2. Other information**

Other information:No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

Reactivity:Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

Chemical stability:Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Hazardous reactions:Hazardous reactions will not occur under normal transport or storage conditions.

**10.4. Conditions to avoid**

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

Haz. decomp. products:In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**ISOTRIDECANOLETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)**

ORAL	RAT	LD50	500-2000	mg/kg
------	-----	------	----------	-------

**C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)**

ORL	RAT	LD50	>2000	mg/kg
-----	-----	------	-------	-------

**2-(2-BUTOXYETHOXY)ETHANOL**

ORL	MUS	LD50	6050	mg/kg
ORL	RAT	LD50	4500	mg/kg
ORL				

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CITRUS DEGREASER

Page:6

**Relevant hazards for substance:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM Hazardous:	calculated
Serious eye damage/irritation	OPT Hazardous:	calculated

**Symptoms / routes of exposure**

**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. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**ISOTRIDECANOLETHOXYLATE, POLYMER (8 MOLE EO AVERAGE)**

Species	Test	Concentration	Result
FISH	96H LC50	1-10 mg/l	

**C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)**

Species	Test	Concentration	Result
Scenedesmus	48H EC50	10 - 100 mg/l	

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Soluble in water.

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Other adverse effects**

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal of packaging:** Dispose of as normal industrial waste.

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CITRUS DEGREASER

Page:7

**NB:**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**

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:**A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:**This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**Phrases used in s.2 and s.3:**EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

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.