

**SAFETY DATA SHEET**  
HEAVY DUTY DEGREASER CLP

**Page:** 1  
**Compilation date:** 22/10/2006  
**Revision date:** 20/04/2016  
**Revision No:** 3

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

**1.1. Product identifier**

**Product name:** HEAVY DUTY DEGREASER CLP  
**Index number:** RD109  
**Product code:** PHDC

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

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

**Company name:** R & D PRODUCTS  
3 & 4 VICTORIA MILLS  
WESTGATE  
CLECKHEATON  
WEST YORKSHIRE  
BD19 5DR  
UNITED KINGDOM  
**Tel:** 01274 851516  
**Fax:** 01274 851516  
**Email:** admin@rd-products.co.uk

**1.4. Emergency telephone number**

**Emergency tel:** 07921885509

**Section 2: Hazards identification**

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

**Classification under CLP:** Skin Corr. 1B: H314

**Most important adverse effects:** Causes severe skin burns and eye damage.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H314: Causes severe skin burns and eye damage.

**Hazard pictograms:** GHS05: Corrosion



**Signal words:** Danger

**Precautionary statements:** P260: Do not breathe spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

[cont...]

# SAFETY DATA SHEET

## HEAVY DUTY DEGREASER CLP

Page: 2

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

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

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.

### 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:

RM SODIUM METASILICATE PENTA CLP - REACH registered number(s): 01-2119449811-37-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
229-912-9	10213-79-3	-	Skin Corr. 1B: H314; STOT SE 3: H335; Met. Corr. 1: H290; Eye Dam. 1: H318	1-10%

RM NITRILOTRIACETIC ACID TRISODIUM SALT 38% CLP

225 768 6	5064-31-3	-	Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
-----------	-----------	---	---	-------

RM ALCOHOL ETHOXYLATE 6 CLP

-	68439-46-3	-	Eye Dam. 1: H318; Acute Tox. 4: H302	1-10%
---	------------	---	--------------------------------------	-------

RM BUTYL GLYCOL CLP - REACH registered number(s): 01-2119475108-36

203-905-0	111-76-2	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H312; Acute Tox. 4: H332	1-10%
-----------	----------	---	---	-------

RM TRI SODIUM PHOSPHATE CLP

231-509-8	7601-54-9	-	STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
-----------	-----------	---	--	-------

RM SODIUM XYLENE SULPHONATE 40 CLP

215-090-9	1300-72-7	-	Eye Irrit. 2: H319	1-10%
-----------	-----------	---	--------------------	-------

RM TETRASODIUM ETHYLENE DIAMINE TETRAACETATE CLP - REACH registered number(s): 01-2119486762-27-XXXX

200-573-9	64-02-8	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
-----------	---------	---	--------------------------------------	-------

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY DEGREASER   CLP

Page: 3

RM COCAMIDOPROPYL BETAIN CLP

931-296-8	61789-40-0	-	Aquatic Chronic 3: H412; Eye Dam. 1: H318	<1%
-----------	------------	---	---	-----

## Section 4: First aid measures

### 4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes in contact with 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. Seek medical advice if irritation persists
- Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If patient feels unwell seek medical attention
- Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Get medical advice if irritation continues.

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

- Skin contact:** Blistering may occur. There may be irritation and redness at the site of contact.
- Eye contact:** There may be irritation and pain. The eyes may water profusely. Corneal burns may occur. 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 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.

### 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:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

### 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.

[cont...]

# SAFETY DATA SHEET

## HEAVY DUTY DEGREASER CLP

Page: 4

### Section 6: Accidental release measures

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

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS.  
Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

#### 6.2. Environmental precautions

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

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

**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.

#### 6.4. Reference to other sections

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

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**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.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Original packaging

#### 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:**

**RM SODIUM METASILICATE PENTA CLP**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	2mg/m3	-

**RM NITRILOTRIACETIC ACID TRISODIUM SALT 38% CLP**

UK	2mg/m3	2mg/m3	-	-
----	--------	--------	---	---

[cont...]

# SAFETY DATA SHEET

## HEAVY DUTY DEGREASER CLP

Page: 5

### RM BUTYL GLYCOL CLP

UK	25ppm	50ppm	-	-
----	-------	-------	---	---

#### DNEL/PNEC Values

DNEL / PNEC No data available.

#### 8.2. Exposure controls

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

**Respiratory protection:** Non required in well ventilated areas

**Hand protection:** Impermeable gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

### Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Off-white

**Odour:** Perceptible odour

**Solubility in water:** Miscible in all proportions

**Viscosity:** Non-viscous

**pH:** 12

#### 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.

Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

**Conditions to avoid:** Hot surfaces.

#### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY DEGREASER CLP

Page: 6

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**RM SODIUM METASILICATE PENTA CLP**

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	1152-1349	mg/kg

**RM NITRILOTRIACETIC ACID TRISODIUM SALT 38% CLP**

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

**RM TRI SODIUM PHOSPHATE CLP**

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

**RM SODIUM XYLENE SULPHONATE 40 CLP**

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

**RM COCAMIDOPROPYL BETAINE CLP**

ORAL	RAT	LD50	>5000	mg/kg
------	-----	------	-------	-------

**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:** Blistering may occur. There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and pain. The eyes may water profusely. Corneal burns may occur. 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 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.

**Section 12: Ecological information**

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY DEGREASER   CLP

Page: 7

**12.1. Toxicity**

**Hazardous ingredients:**

**RM NITRILOTRIACETIC ACID TRISODIUM SALT 38% CLP**

FISH	96H LC50	>100	mg/l
------	----------	------	------

**RM ALCOHOL ETHOXYLATE 6   CLP**

FISH	72H IC50	1-10	mg/l
------	----------	------	------

**RM COCAMIDOPROPYL BETAINE   CLP**

Daphnia magna	48H EC50	21.5	mg/l
MARINE ALGAE (Skeletonema costatum)	48H EC50	30	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**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**

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

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Rinse out empty containers at least twice with water and recycle if facilities exist or dispose of as commercial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1760

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY DEGREASER   CLP

Page: 8

**14.2. UN proper shipping name**

**Shipping name:** CORROSIVE LIQUID, N.O.S.  
(Non hazardous for transport)

**14.3. Transport hazard class(es)**

**Transport class:** 8

**14.4. Packing group**

**Packing group:** III

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

**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**

**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.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H290: May be corrosive to metals.

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.

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

[cont...]



**SAFETY DATA SHEET**  
HEAVY DUTY DEGREASER   CLP

**Page:** 9

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.