

# BIO DEGREASER

## SAFETY DATA SHEET

DATE OF ISSUE: 24/09/19

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REVIEW BY: 24/09/24

**Hydraulink®**  
Hose Solutions

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	<b>Bio Degreaser</b>
Use:	Concentrate Cleaner Degreaser
Company	<b>Hydraulink Fluid Connectors Ltd</b> 21 O'Rorke Road Penrose, Auckland 1061 Tel: 09 525 2626
Emergency Contact Numbers:	NATIONAL POISON CENTRE: 0800 764 766 POLICE/FIRE/AMBULANCE: 111

## 2. HAZARDOUS IDENTIFICATIONS

EPA New Zealand Approval Code: **HSR002526**

Hazard Classifications: 6.1E, 6.3A, 6.9, 9.1B

Refer to [www.epa.govt.nz](http://www.epa.govt.nz) for Controls for this substance

Signal word: **DANGER**

### Hazard Statements

H290 May be corrosive to metals  
H302 Harmful if swallowed  
H314 Causes severe skin burns and eye damage  
H318 Causes serious eye damage  
H402 Harmful to aquatic life



### Prevention Statements

P102 Keep out of reach of children  
P103 Read label before use  
P234 Keep only in original container  
P260 Do not breathe mist, vapours or spray  
P264 Wash hands thoroughly after handling  
P270 Do not eat, drink or smoke when using this product.  
P273 Avoid release to environment  
P280 Wear protective gloves and eye protection

### Response Statements

P101 If medical advice is needed, have product container or label at hand.  
P312 Call a POISON CENTRE or doctor.  
  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.  
P363 Wash contaminated clothing before re-use.  
P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P310 Call a POISON CENTRE or doctor.  
P305 + P351 + P338 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 CENTRE or doctor.  
P390 Absorb spillage to prevent material damage.

### Storage Statement

P405 Store locked up  
P406 Store in corrosive resistant container with a resistant inner liner.

### Disposal Statement

P501 Dispose of product to a landfill in accordance with any local regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	CAS. No.	%w/w
Butyl glycol ether	111-76-2	1 - 15
Dobanic acid	27176-87-0	1 - 10
Sodium hydroxide	7758-29-4	1 - 5
Sodium metasilicate	1310-73-2	1 - 3
Alcohols, C12-15 ethoxylated	6834-92-0	1 - 3
Other ingredients; includes water, dye	68131-39-5	1 - 3
	Mixture	> 70

### 4. FIRST AID MEASURES

If medical advice is needed, have product container or label at hand. Consult the National Poisons Centre, Phone : 0800 764 766 [ 0800 POISON ] or a doctor in every case of suspected poisoning.

**Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Call a Poison Centre or doctor for advice.

**Inhalation:** Move person to fresh air and keep at rest and in a position comfortable for breathing. Call a Poison Centre or doctor for advice if person does not recover quickly or feels unwell.

**Skin:** Remove immediately all contaminated clothing. Wash affected area with plenty of soap and water. Get medical advice if irritation persists or rash develops. Launder contaminated clothing before re-use.

**Eyes:** Hold eyes open and rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Get medical advice.

**Notes To Physician:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Flash Point:** Non flammable

**Flammable Limits:**

LFL: Not Determined

UFL: Not Determined

**Extinguishing Media:** Use Foam, CO<sub>2</sub> Or Water Fog.

**Fire & Explosion Hazards:** In case of fire, avoid breathing smoke.

**Fire-Fighting Equipment:** Wear self-contained breathing apparatus and personal protection clothing.

### 6. ACCIDENTAL RELEASE MEASURES

**Spills:** Wear personal protection equipment. Contain spill. Do not contaminate watercourses or the ground. Recover liquid, or absorb with inert material to suitable labeled container that can be sealed and disposed of by waste management company.

**Disposal:** Dispose of unused product to an approved landfill or by incineration in accordance with local regulations.

### 7. HANDLING AND STORAGE

**Handling:** Read label before use. Keep out of reach of children. Wear gloves and eye protection. Wash hands and exposed skin after use.

**Storage:** Store in corrosive resistant container. Store locked up and in closed original container in a secure cool dry place, out of reach of children and away from food, drink and animal foodstuffs. Check container periodically for distortion or leaks.

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Exposure Guidelines:** NZ Workplace Exposure Standards (WES) have been set for a component in this substance.

White spirits	WES-TWA	WES-STEL
Butyl glycol ether	25 ppm (121 mg/m <sup>3</sup> )	-
Sodium hydroxide <small>CEILING</small>	2 mg/m <sup>3</sup>	-

**Engineering Controls:** Use in a well ventilated area.

**Personal Protective Equipment (PPE):** Wear gloves; PVC or nitrile. Avoid contact with eyes. Wear chemical goggles or protective glasses with side shields. Wear overalls and water proof boots.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid  
Colour: Red  
Odour: Characteristic  
Melting point (°C): -  
Flash point (°C): -

Auto ignition temperature (°C): Not known  
Density at 15°C, g/ml: 1.03 g/ml typ  
Solubility in water: Miscible  
pH: 13.0 – 13.5 (neat) 12.5 – 13.0 (5% dilution in water)

## 10. STABILITY AND REACTIVITY

**STABILITY (CONDITIONS TO AVOID):** Stable under normal storage and use conditions. Keep away from heat, sparks, open flames and hot surfaces and incompatible substances.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not known.

**HAZARDOUS POLYMERIZATION:** Not known to occur.

## 11. TOXICOLOGICAL INFORMATION

**Potential Health Effects:** This section includes possible adverse effects, which might occur if this product is not handled in the recommended manner.

**Eye:** May cause serious damage to eyes with tearing, redness, swelling and burns.

**Skin:** May be harmful if absorbed by skin contact. Expected to be severely irritating to skin resulting in redness, swelling and possibly also mild burns with prolonged contact.

**Ingestion:** Harmful if swallowed and may irritate or burn gastrointestinal tract if swallowed.

**Inhalation:** May be irritating to nose, throat and upper respiratory tract.

**Systemic (Other Target Organ) Effects:** No adverse effects identified.

**Carcinogenicity:** Not classified as carcinogen.

**Teratology (Birth Defects) and Reproductive Defects:** Not classified.

**Mutagenicity (Effects on Genetic Material):** Not a mutagen.

## 12. ECOLOGICAL INFORMATION

**Environmental Fate:** Product has been classified as being harmful to aquatic life. Do not allow to enter drains or waterways. Product is highly alkaline.

**Movement And Partitioning:** Product is immiscible in water.

**Degradation And Persistence:** No specific information available on product.

**Bioaccumulation:** No information on product.

**Ecotoxicology:** No EEL has been set for this substance.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with Regional Authority or local council bylaws. Crush and dispose of empty clean containers by burying in an approved landfill. Do not use empty containers for storing other products.

## 14. TRANSPORT REGULATIONS

Proper Shipping Name: CORROSIVE LIQUID, N.O.S.  
(Contains, sodium hydroxide, sodium metasilicate)  
UN Number: 1760  
Class: 8  
Sub risk: 9  
Packing Group: III  
HAZCHEM: 2X



## 15. REGULATORY INFORMATION

Classified as hazardous under the HSNO Act 1996 according to criteria of Minimum Degrees of Hazard (Threshold) Regulations, 2001.

EPA New Zealand Approval Code: **HSR002526**; Cleaning Product (Corrosive) Group Standard.

Refer to Section 2 for classifications and to [www.epa.govt.nz](http://www.epa.govt.nz) for Controls and Conditions.

## 16. OTHER INFORMATION

Issue Date: **24th September 2019**

Replaces: **Not Applicable**

Reasons for Issue: **Review of product classifications and update Safety Data Sheet.**

Abbreviations

CAS No.

EPS

HSNO

STEL

TWA

WES

Chemical Abstracts Service Number

Environmental Risk Management Authority

Hazardous Substances & New Organisms

Short Term Exposure Limit

Time Weighted Average

Workplace Exposure Standard

References:

Chemical Classification and Information database: [www.epa.govt.nz](http://www.epa.govt.nz)

Supplier Safety Data Sheets

*Before using any product, read its label carefully and ensure that you understand its contents. This information is, to the best of our knowledge and belief, accurate and reliable at the date of publication. The information relates only to the specific material designated and may not be valid for such material if it is used in combination with any other material(s). Syntol disclaims any liability for loss or damage*

*the suitability and completeness of such information for his/her own particular use.*

**END OF SAFETY DATA SHEET**