

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:	Bio Degreaser
Use:	Concentrate Cleaner Degreaser
Company	Hydraulink Fluid Connectors Ltd 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 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. Wash contaminated clothing before re-use.
P363	
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor.
P310	
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
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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, CO₂ 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 ³)	-
Sodium hydroxide CEILING	2 mg/m ³	-

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 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.	Chemical Abstracts Service Number
EPS	Environmental Risk Management Authority
HSNO	Hazardous Substances & New Organisms
STEL	Short Term Exposure Limit
TWA	Time Weighted Average
WES	Workplace Exposure Standard

References:

Chemical Classification and Information database: 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