

**Product name: RYCO Everyday Degreaser**

## 1. COMPANY DETAILS AND PRODUCT IDENTIFICATION

COMPANY: RYCO Hydraulics Pty Ltd (ABN 96 085 527 724)  
ADDRESS: 19 Whitehall Street, Footscray, VIC. 3011 Australia

TELEPHONE NUMBER: (03) 9680 8000  
FAX NUMBER: (03) 9680 8001

EMERGENCY TELEPHONE NUMBER: (03) 9680 8000

PRODUCT NAME: Everyday Degreaser

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: REDEG-400G

USE: Clear, colourless liquid designed to remove grease and oil from all types of internal combustion engines, driveways, and general work surfaces.

ADDITIONAL INFORMATION: Refer to Product Information Sheet for additional information.

OTHER INFORMATION: Visit our website: <http://www.RYCO.com.au>  
Email: [sales@RYCO.com.au](mailto:sales@RYCO.com.au)

## 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: HAZARDOUS SUBSTANCE  
DANGEROUS GOODS  
Hazard classification according to criteria of NOHSC and GHS  
Dangerous goods classification according to the Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

DANGEROUS GOODS: Class: 2.2 Aerosol: Non flammable gas.

POISON SCHEDULE: Not applicable



SIGNAL WORD: **DANGER**

## 2. HAZARDS IDENTIFICATION (CONT)

### GHS HAZARD CLASSIFICATIONS

SKIN CORROSION/IRRITATION: Category 2  
SERIOUS EYE DAMAGE / EYE IRRITANT: Category 1  
AQUATIC TOXICITY (ACUTE): Category 3

HAZARD STATEMENTS: H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H402: Harmful to aquatic life.

PREVENTION STATEMENTS: P264: Wash thoroughly after handling.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENTS: P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
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 the POISONS INFORMATION CENTER on 13 11 26 or doctor/physician.  
P321: Specific treatment is advised - see first aid instructions.  
P332 + P313: If skin irritation occurs: Get medical advice/ attention.  
P362: Take off contaminated clothing and wash before re-use.

STORAGE STATEMENT(S): None allocated.

DISPOSAL STATEMENT: P501: Dispose of contents/container in accordance with local, regional, national and international regulations.

## 3. COMPOSITION/INFORMATION OF INGREDIENTS

CHEMICAL ENTITY	CAS NO	EC NUMBER	PROPORTION
Butane	106-97-8	203-448-7	<15 %
Propane	74-98-6	200-827-9	<15 %
Ethylene Glycol Monobutyl Ether	111-76-2	203-905-0	>5%
N-Butanol	71-36-3	200-751-6	>4%
Sodium Metasilicate Anhydrous	6834-92-0	229-912-9	<2%
Alcohols, C12-15, Ethoxylated	68131-39-5	500-195-7	<1%
Sodium Hydroxide	1310-73-2	215-185-5	<1%
Sodium Nitrate	7632-00-0	231-555-9	<1%
Additive (s)	-	-	Remainder
Water	7732-18-5	231-791-2	<90%
Sodium Gluconate	527-07-1	208-407-7	<2%
Sodium Tripolyphosphate	7758-29-4	231-838-7	<2%

## 4. FIRST AID MEASURES

INHALATION:	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
SKIN CONTACT:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.
EYE CONTACT:	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor; or for at least 15 minutes.
INGESTION:	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.
FIRST AID FACILITIES:	No information provided.
NOTES TO PHYSICIAN:	Treat symptomatically.
IMPORTANT SYMPTOMS AND EFFECTS:	Irritating to skin and eyes.

## 5. FIRE FIGHTING MEASURES

HAZCHEM CODE:	2YE
SUITABLE EXTINGUISHING MEDIA:	Use an extinguishing agent suitable for the surrounding fire.
SPECIFIC HAZARDS:	Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Aerosol may explode at temperatures exceeding 50°C.
FIRE FIGHTING FURTHER ADVICE:	Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible.
ENVIRONMENTAL PRECAUTIONS:	Prevent product from entering drains and waterways.
METHODS OF CLEANING UP:	Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.
DISPOSAL:	See Sections 8 and 13 for exposure controls and disposal.

## 7. HANDLING AND STORAGE

**SAFE HANDLING:** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

**SAFE STORAGE:** Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Aerosols cans may explode at temperatures above 50°C.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE STANDARDS:** National Occupational Exposure Standard (NES) Australian Safety & Compensation Council, ASCC (formerly NOHSC)

### Everyday Degreaser-

In the absence of occupational exposure standards for this product, it is recommended that the following are adopted.

	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
2-Butoxyethanol (EGBE)	20	96.9	50	242
Butane	800	1900	-	-
Propane		Asphyxiant		
Sodium hydroxide (peak limitation)	-	2 (Peak)	-	-
n-Butanol	50	152 (Peak)	-	-

TWA - The time-weighted average airborne concentration over an eight -hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight -hour workday. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**BIOLOGICAL LIMIT VALUES:** Ethylene Glycol Monobutyle Ether-  
Determinant: Butoxyacetic acid (BAA) in urine (with hydrolysis).  
Sample Time: End of shift.  
BEI: 200mg/g creatinine.

**ENGINEERING MEASURES:** Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

**PERSONAL PROTECTION:** Eye / Face: Wear splash-proof goggles.  
Hands: Wear nitrile or neoprene gloves.  
Body: Not required under normal conditions of use.  
Respiratory: Where an inhalation risk exists, wear a Type A-Class P1 (Organic gases/vapours and Particulate) respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Aerosol
COLOUR:	Colourless liquid (aerosol dispensed)
ODOUR:	Odourless
pH:	13
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
BOILING POINT/RANGE (°C):	Not available
MELTING POINT/RANGE (°C):	Not available
SOLUBILITY (WATER):	Soluble
SPECIFIC GRAVITY:	0.9 – 1.03
FLASH POINT (°C):	Not relevant
VISCOSITY:	Not available
EVAPORATION RATE:	Not available
OXIDISING PROPERTIES:	Not available
EXPLOSIVE PROPERTIES:	Not available
UPPER/LOWER EXPLOSION LIMIT:	Not relevant
FLAMMABILITY:	Non-flammable
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE (°C):	Not available

## 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under recommended conditions of storage.
INCOMPATIBLE MATERIALS:	Oxidising agents (ie. hypochlorites) and acids (eg. nitric acid).
CONDITIONS TO AVOID:	Avoid heat, sparks, open flames and other ignition sources.
HAZARDOUS DECOMPOSITION PRODUCTS:	May evolve carbon oxides and hydrocarbons when heated to decomposition.
HAZARDOUS REACTIONS:	Polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

Based on available data, the classification criteria are not met. This product may have the potential to cause adverse health effects if intentionally misused (e.g. deliberately inhaling contents).

### ACUTE TOXICITY

Ingredient	Oral Toxicity(LD50)	Dermal Toxicity(LD50)	Inhalation Toxicity(LC50)
Butane	-	-	658000 mg/m <sup>3</sup> /4H (rat)
Propane	-	-	> 800000 ppm/15M (rat)
Ethylene Glycol Monobutyl Ether	300 mg/kg (rabbit)	721 mg/kg (NICNAS)	700 ppm (mouse)
n-Butanol	790 mg/kg (rat)	3200 mg/kg (mouse)	8000 ppm/4 hours (rat)
Sodium Metasilicate Anhydrous	770 mg/kg (mouse)	-	-
Sodium Tripolyphosphate	3100 mg/kg (mouse)	-	-
Sodium Nitrite	85 mg/kg (rat)	-	5.5 mg/m <sup>3</sup> /4 hours (rat)

SKIN:	Causes skin irritation. Contact may result in drying and defatting of the skin, rash and dermatitis.
EYE:	Causes serious eye damage. Contact may result in irritation, lacrimation, pain, redness and corneal burns with possible permanent eye damage.
SENSITISATION:	Not classified as causing skin or respiratory sensitisation.
STOT – SINGLE EXPOSURE:	Over exposure may result in irritation of the nose and throat, coughing and headache. High level exposure may result in nausea, dizziness and drowsiness.
STOT – REPEATED EXPOSURE:	Not classified as causing organ damage from repeated exposure.
ASPIRATION:	Not classified as causing aspiration.
REPRODUCTIVE:	Not classified as a reproductive toxin.
CARCINOGENICITY:	Not classified as a carcinogen.
MUTAGENICITY:	Not classified as a mutagen.

## 12. ECOLOGICAL INFORMATION

TOXICITY:	Harmful to aquatic life.
PERSISTENCE AND DEGRADABILITY:	No information available.
BIOACCUMULATIVE POTENTIAL:	No information available.
MOBILITY:	No information available.
OTHER ADVERSE EFFECTS:	No information provided.

**13. DISPOSAL CONSIDERATIONS**

DISPOSAL: For small amounts, absorb contents with sand or similar and dispose of to an approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer/supplier for additional information (if required).  
Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION**ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".



UN NO: 1950  
DANGEROUS GOODS CLASS: 2.2  
PACKING GROUP: None  
HAZCHEM CODE: 2YE  
GTEPG: 2D1  
EMS: F-D, S-U  
PROPER SHIPPING NAME: AEROSOLS

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.



UN NO: 1950  
DANGEROUS GOODS CLASS: 2.2  
PACKING GROUP: None  
PROPER SHIPPING NAME: AEROSOLS



## 14. TRANSPORT INFORMATION (CONT)

### AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.



UN NO:	1950
DANGEROUS GOODS CLASS:	2.2
PACKING GROUP:	None
PROPER SHIPPING NAME:	AEROSOLS

## 15. REGULATORY INFORMATION

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

POISON SCHEDULE:	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
CLASSIFICATION:	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].
HAZARD CODES:	N      Dangerous for the environment. Xi      Irritant
RISK PHRASES:	R38 Irritating to skin. R41 Risk of serious damage to eyes. R52 Harmful to aquatic organisms.
SAFETY PHRASES	S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S28 After contact with skin, wash immediately with plenty of water. S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
INVENTORY LISTING(S):	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.



## 16. OTHER INFORMATION

CONTACT PERSON/POINT: Product Manager Industrial (03) 9680 8000

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.

LITERATURE REFERENCES:

- \* Safework Australia: 2016 Code of Practice for the Preparation of Safety Data Sheets for Hazardous Substances.
- \* NOHSC: 2011 National Code of Practice for the preparation of Material Safety Data Sheets.
- \* NOHSC: 1008 Approved Criteria for Classifying Hazardous Substances.
- \* NOHSC: 10005 List of Designated Hazardous Substances.
- \* NOHSC: 1005 Control of Workplace Hazardous Substances, National Code of Practice.
- \* NOHSC: 2007 Control of Workplace Hazardous Substances, National Code of Practice.
- \* NOHSC: 1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards.
- \* NOHSC: 3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note.
- \* NOHSC: 1015 Storage and Handling of Workplace Dangerous Goods, National Standard.
- \* NOHSC: 2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice.
- \* SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons
- \* ADG: Australian Dangerous Goods Code
- \* MSDS of component materials.

LAST CHANGE: Supercedes document issued: 24 September 2013  
Reason/s for revision: Minor editorial changes, alignment to GHS requirements.

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END OF SDS