



# SAFETY DATA SHEET

## ATLANTIC HEAVY DUTY DEGREASER

Version 1.0

Issue Date: 12/11/2019

Issued by Atlantic Lubricants Pty. Ltd.

### 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY

**Product Name** : Atlantic Heavy Duty Degreaser  
**Use** : Degreaser – Aerosol 400gm  
**Product Code** : MISBRA01  
**Company Name** : Atlantic Lubricants Pty Ltd (ABN 67 088 335 059)  
**Address** : 40 Liverpool Street Ingleburn NSW 2565  
**Telephone/ Fax No** : Tel: (02) 9829 7555 Fax: (02) 9829 4555  
**Web** : [www.atlanticoil.com](http://www.atlanticoil.com)  
**Emergency Telephone** : (02) 9829 7555  
Poisons Information Centre (Aust. 13 11 26)  
**Other Product Information** : (02) 8706 3240

### 2. HAZARD(S) IDENTIFICATION

**Classification of the mixture** : Classified as hazardous under GHS for Australia criteria  
**Hazard Classification** : Flammable Aerosols – Category 1  
Skin Corrosion/Irritation – Category 2  
Serious Eye Damage/Irritation – Category 2A  
Specific Target Organ Toxicity (Single Exposure) Category 3  
Aspiration Hazard – Category 1  
Chronic Hazard to the Aquatic Environment – Category 2  
**Signal Word** : **Danger**

**Pictograms** :





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## 2. HAZARD(S) IDENTIFICATION

(Continued)

### Hazard Statements:

<b>H222</b>	Extremely flammable aerosol
<b>H304</b>	May be fatal if swallowed and enters airways
<b>H315</b>	Causes skin irritation
<b>H319</b>	Causes serious eye irritation
<b>H336</b>	May cause drowsiness or dizziness
<b>H411</b>	Toxic to aquatic life with long lasting effects

### Precautionary Statements:

<b>Prevention:</b>	<b>P102</b>	Keep out of reach of children
	<b>P103</b>	Read label before use
	<b>P210</b>	Keep away from all sources of ignition - No smoking
	<b>P211</b>	Do not spray on an open flame or other ignition source
	<b>P251</b>	Pressurized container: Do not pierce or burn, even after use
	<b>P261</b>	Avoid breathing dust, fume, gas, mist, vapours or spray
	<b>P264</b>	Wash hands, face and all exposed skin thoroughly after handling
	<b>P271</b>	Use only outdoors or in a well-ventilated area
	<b>P280</b>	Wear protective clothing, gloves, eye/face protection and suitable respirator

<b>Response:</b>	<b>P101</b>	If medical advice is needed, have product container or label at hand
	<b>P312</b>	Call a POISON CENTER or doctor/physician if you feel unwell
	<b>P301+310</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
	<b>P331</b>	Do NOT induce vomiting
	<b>P302+352</b>	IF ON SKIN: Wash with soap and water
	<b>P332+313</b>	If skin irritation occurs: Get medical advice/attention
	<b>P304+340</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
	<b>P305+351+338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
	<b>P337+313</b>	If eye irritation persists get medical advice/attention
	<b>P362</b>	Take off contaminated clothing and wash before reuse

<b>Storage:</b>	<b>P405</b>	Store locked up
	<b>P403+233</b>	Store in a well ventilated place. Keep container tightly closed
	<b>P410+412</b>	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122 °F

<b>Disposal:</b>	<b>P501</b>	Dispose of container and used or unused contents as hazardous waste
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**Poisons Schedule:** Not Scheduled



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## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENT	%(w/w)	CAS NUMBER
Solvent naphtha (petroleum), light aliphatic	>60%	64742-89-8
Ethanolamine	1-10%	141-43-5
Propane	1-10%	74-98-6
Butane	10-30%	106-97-8
Other ingredients classified as not hazardous, or at levels not requiring classification according to Safe Work Australia	Balance	-

## 4. FIRST AID MEASURES

### Description of necessary first aid measures

- Eye** : 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 and transport to Doctor or Hospital.
- Skin** : If skin or hair contact occurs, immediately 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; or for 15 minutes and transport to Doctor or Hospital.
- Inhalation** : Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
- Ingestion** : Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Get to a doctor or hospital quickly.
- Notes to Physician** : Treat symptomatically with supportive care.

If poisoning occurs, contact a doctor or Poisons Information Centre (Aust. 13 11 26)



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## 5. FIRE FIGHTING MEASURES

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- Extinguishing Media:** If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).
- Specific Hazards :** Flammable gas. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.
- Fire Fighting :** Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
- Hazchem Code :** 2YE

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## 6. ACCIDENTAL RELEASE MEASURES

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- Spills or Leaks :** Restrict access to area until clean-up is completed  
Wear PPE as per this SDS  
Avoid inhalation of vapours  
Absorb / contain waste, use clean rag or paper towel  
Collect and seal in appropriate container  
Label the container
- Disposal :** Dispose of in accordance with States, Local Government, EPA or related Regulations or Codes of Practice.
- Dangerous Goods :** Initial Emergency Response Guide No: 49

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## 7. HANDLING AND STORAGE

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- Handling :** Avoid skin and eye contact and inhalation of vapour or mist  
Wear PPE as per this SDS
- Storage :** Store in a cool, dry, well-ventilated area, out of direct sunlight. Avoid sparks, flames, and other ignition sources. Store away from incompatible materials such as materials that support combustion (oxidising materials). Reference should be made to Australian Standard AS1940- The storage and handling of flammable and combustible liquids.  
Store in original packaging as approved by manufacturer or regulatory direction.



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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Exposure Limits** : No value assigned for this specific material by Safe Work Australia.

Material Name	CAS-No.	Type	Value
Butane	106-97-8	TWA	800 ppm, 1900 mg/m <sup>3</sup>
		STEL	-
Ethanolamine	141-43-5	TWA	3 ppm, 7.5 mg/m <sup>3</sup>
		STEL	6 ppm, 15 mg/m <sup>3</sup>

**Respiratory Protection** : If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, selection. Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

**Eye Protection** : Chemical goggles are recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 – Personal Eye Protection Part 1: Eye and Face Protectors for Industrial Applications.

**Hand Protection** : Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection** : Wear appropriate clothing including chemical resistant apron and overalls where clothing is likely to be contaminated. Wear safety footwear or safety gumboots. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

**Engineering Controls** : Natural ventilation should be sufficient, however where vapours or mists are generated the use of a local exhaust ventilation system (drawing spray or mists away from workers breathing zone) is recommended.

**Hygiene Measures** : Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid skin and eye contact and inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	:	Liquid in aerosol
<b>Odour</b>	:	Petroleum like odour
<b>Solubility in Water</b>	:	Not Provided
<b>Flammability Limits %</b>	:	LEL -1.8; UEL-9.5
<b>Electrostatic Stability</b>	:	Not Provided
<b>Vapour Density</b>	:	Not Provided
<b>Flash Point</b>	:	-104 (Propane)
<b>Ignition Temperature</b>	:	Not Provided
<b>Melting Point</b>	:	Not Provided
<b>Boiling Point</b>	:	Not Provided
<b>Specific Gravity@ 20°C</b>	:	0.76
<b>Kinematic Viscosity cSt @ 40°C</b>	:	Not Provided
<b>cSt @ 100°C</b>	:	Not Provided
<b>Pour Point</b>	:	Not Provided

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	:	Stable under normal conditions.
<b>Hazardous Polymerization</b>	:	Will not occur.
<b>Materials to Avoid</b>	:	Oxidising agents.
<b>Hazardous Decomposition Products</b>	:	Thermal decomposition may result in the release of toxic and or irritating fumes including oxides of carbon and nitrogen.
<b>Hazardous Reaction</b>	:	No known hazardous reactions
<b>Conditions to avoid</b>	:	Heat, direct sunlight, open flames or other sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### ACUTE HEALTH EFFECTS

<b>Inhalation</b>	:	Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.
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## 11. TOXICOLOGICAL INFORMATION

(Continued)

- Ingestion** : Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.
- Skin** : Contact with skin will result in irritation.
- Eye** : Is an eye irritant.

### ACUTE TOXICITY

- Inhalation** : This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L
- Ingestion** : This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg
- Skin Contact** : This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg
- Corrosion/ Irritancy** - **Eye** : This material has been classified as a Category 2A Hazard (reversible effects to eyes).  
**Skin** : This material has been classified as a Category 2 Hazard (irritant to skin).
- Sensitisation** : This material has been classified as not a respiratory sensitiser.
- Aspiration Hazard** : This material has been classified as a Category 1 Hazard.
- Specific Target Organ Toxicity (Single Exposure)** : This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in depression of the central nervous system.

### CHRONIC TOXICITY

- Mutagenicity** : This material has been classified as non-hazardous.
- Carcinogenicity** : This material has been classified as non-hazardous.
- Reproductive Toxicity** : This material has been classified as non-hazardous.
- Specific Target Organ Toxicity (Repeat Exposure)** : This material has been classified as non-hazardous.



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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	:	No information available.
<b>Acute Aquatic Hazard</b>	:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): 100 mg/L
<b>Long-term Aquatic Hazard</b>	:	This material has been classified as a Category Chronic 2 Hazard. Acute toxicity estimate (based on ingredients): 1-10 mg/L
<b>Persistence /Degradability</b>	:	No information available.
<b>Mobility</b>	:	There is no data available for this product.
<b>Bioaccumulation</b>	:	No information available.
<b>Environmental Protection</b>	:	Prevent this material from entering the environment. Do not discharge into sewer or waterways.

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## 13. DISPOSAL CONSIDERATIONS

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Do not dispose down drains or to soil or landfill. Dispose of waste according to state E.P.A. regulations. Use a licensed waste contractor and assure conformity with all applicable regulations.

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## 14. TRANSPORT INFORMATION

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<b><u>Road &amp; Rail Transport</u></b>	:	Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail"
<b>U.N. NUMBER</b>	:	1950
<b>DG CLASS</b>	:	2.1
<b>PACKING GROUP</b>	:	None Allocated
<b>HAZCHEM CODE</b>	:	2YE
<b>EMERGENCY RESPONSE</b>	:	49
<b>GUIDE NO</b>	:	
<b>PROPER SHIPPING NAME</b>	:	AEROSOLS

**Segregation Dangerous Goods:** Not to be loaded with explosives (Class 1), flammable liquids (Class 3), if both are in bulk, flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.





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## 14. TRANSPORT INFORMATION

(Continued)

**Marine Transport** : Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

**U.N. NUMBER** : 1950  
**DG CLASS** : 2.1  
**PACKING GROUP** : None Allocated  
**PROPER SHIPPING NAME** : AEROSOLS

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

**U.N. NUMBER** : 1950  
**DG CLASS** : 2.1  
**PACKING GROUP** : None Allocated  
**PROPER SHIPPING NAME** : AEROSOLS

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## 15. REGULATORY INFORMATION

**This material is not subject to the following international agreements:**

Montreal Protocol (Ozone depleting substances)  
The Stockholm Convention (Persistent Organic Pollutants)  
The Rotterdam Convention (Prior Informed Consent)

**This material is subject to the following international agreements:**

Basel Convention (Hazardous Waste)  
• Wastes from the production, formulation and use of organic solvents

International Convention for the Prevention of Pollution from Ships (MARPOL)  
• Annex III - Harmful Substances carried in Packaged Form

**This material/constituent(s) is covered by the following requirements:**

• All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)*.



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## 16. OTHER INFORMATION

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- REFERENCES :**
- AS/NZS 1715 - Use and maintenance of Respiratory Protective Devices.
  - AS/NZS 1716 - Respiratory Protective Devices.
  - AS/NZS 1337 - Personal eye protection Part 1: Eye and face protectors for occupational applications.
  - AS/NZS 2161.1 - Occupational protective gloves.
  - AS 1940 - The storage and handling of flammable and combustible liquids.

### CONTACT

For information concerning details on this Safety Data Sheet contact Atlantic Technical Help Line on (02) 8706 3240.

All reasonable care has been taken to ensure that the information and advice contained herein are accurate at the time of printing. However, Atlantic accepts no tortious or contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.