



SDS SHEET

**AUTOSERV BIO-DEGRADABLE
DEGREASER 20LT**

SAFETY DATA SHEET AUTOSERV BIO-DEGRADABLE DEGREASER 20LT

Section 1: Identification of the Substance and of the Supplier

Product Name: Bio-degradable degreaser
Proper Shipping Name Autoserv Degreaser
Recommended use: Brake Parts Cleaner
Company Details Autoserv New Zealand Limited
Address: Unit 2/38 Trugood Drive East Tamaki
Auckland. New Zealand
Telephone: +64 9 2721940 [8.00 am to 4.30pm –
Monday to Friday]
Fax: +64 9 2721942
Emergency Telephone: National Poison Centre (24
hours): 0800 POISON [764 766]
Date of preparation 5 January 2017



Section 2: Hazard Identification

NAMES OF HAZARDOUS INGREDIENTS: See CFR29§1910.1200 (i)-(13)

CHEMICAL / COMMON NAME CAS# PERCENTAGE PEL-OSHA TLV-ACGIH

2 Butoxy Ethanol (Skin) 111-76-2 >1 50PPM 25PPM

Potassium Hydroxide 1310-58-3 >1 N.E. 2mg/m3

THIS PRODUCT DOES NOT CONTAIN CARCINOGENS: (NTP, IARC, OSHA):

Section 3: First Aid Measures

HEALTH EFFECTS (Acute and Chronic):

Acute:

- a) Eyes -Can cause severe irritation, redness, tearing, blurred vision.
- b) Skin - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis
- c) Inhalation - Breathing of dust or mist can cause mild to severe irritation of nasal or respiratory passage.
- d) Ingestion - Can cause gastro-intestinal irritation, nausea, vomiting and diarrhea.

Chronic

- a) Overexposure to glycol ethers (in its pure state) has been found to cause anemia, liver abnormalities, kidney damage, lung damage and blood abnormalities in laboratory animals.

PRIMARY ROUTES OF ENTRY:

- a) Skin b) Inhalation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

EMERGENCY FIRST AID PROCEDURES

- a) Skin - Immediately flush skin with lots of running water for at least 30 minutes. Remove contaminated clothing and shoes, wash before reuse.
- b) Eyes - Flush immediately with large quantities of running water for at least 15 minutes. Consult physician.
- c) Inhalation - If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.
- d) Ingestion - Do not induce vomiting call physician immediately. If conscious, give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.

Section 4: Fire Fighting Measures

LASH POINT (Method Used): None FLAMMABLE LIMITS: LEL= N/A UEL= N/A

EXTINGUISHING MEDIA: Not considered a fire hazard.

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

INCOMPATIBILITY (Material To Avoid):

Avoid contact with acids and strong oxidizers such as permanganate, chlorine, etc.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

THIS PRODUCT IS STABLE

Section 5: Accidental Release Measure

Absorb the large spill on suitable absorbent. Wash the residue down the drain or pit with plenty of water. Small spills can be flushed down the drain with plenty of water.

WASTE DISPOSAL METHODS:

Dispose of according to local, state and federal regulations for biodegradable detergents

Section 6: Handling and Storage

Handling & Storage: Avoid contact with eyes. Avoid contact with skin. Use in well ventilated area away from all ignition sources. Avoid sparking conditions. Ground and bond all transfer equipment. Store in a well-ventilated place. Keep cool.

Section 7: Exposure Controls / Personal Protection

VENTILATION:

LOCAL EXHAUST: Below TLV(s) MECHANICAL (GENERAL): EXPLOSION PROOF

SPECIAL: N/A OTHER: N/A

RESPIRATORY PROTECTION:

An appropriate NIOSH approved hydrocarbon canister or respirator for organic vapor should be worn if needed.

PROTECTIVE GLOVES:

Wear: Resistant gloves such as nitrile rubber, PVC, etc.

OTHER PROTECTIVE EQUIPMENT:

Eye wash and quick drench facilities.

OTHER ENGINEERING CONTROLS: None Known

WORK PRACTICES:

Eye wash fountain and safety shower should be easily accessible. Discard properly such items as rags and trash soaked with the product.

Provide adequate ventilation.

HYGIENIC PRACTICES:

Avoid contact with eyes, skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or

smoking. Remove contaminated clothing promptly and wash thoroughly before reused.

Section 8: Physical and Chemical Properties

BOILING POINT (C): >100 SPECIFIC GRAVITY (WATER=1): 1.1

VAPOR PRESSURE (mmHg): N/D PERCENT VOLATILE BY VOLUME (%): > 80.00

VAPOR DENSITY (AIR=1): N/D EVAPORATION RATE (WATER=1): 1

SOLUBILITY IN WATER: 100%.

APPEARANCE AND ODOR INFORMATION: Green liquid with a citrus odor.

Section 9: Stability and Reactivity

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- a) Do not store under freezing conditions or above 49 degrees C.
- b) Protect from physical damage and keep tightly closed.
- c) Do not store near acids or acidic materials and oxidizers.

MAINTENANCE PRECAUTIONS:

When working with FLAMMABLE material electrically ground all equipment and use only non-sparking tools.

OTHER PRECAUTIONS:

Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings.

Section 10: Toxicological Information

HEALTH EFFECTS (Acute and Chronic):

Acute:

- a) Eyes -Can cause severe irritation, redness, tearing, and blurred vision.
- b) Skin - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis
- c) Inhalation - Breathing of dust or mist can cause mild to severe irritation of nasal or respiratory passage.
- d) Ingestion - Can cause gastro-intestinal irritation, nausea, vomiting and diarrhoea.

Chronic

- a) Overexposure to glycol ethers (in its pure state) has been found to cause anaemia, liver abnormalities, kidney damage, and lung damage and blood abnormalities in laboratory animals.

Section 11: Disposal Considerations

Dispose through Licensed Disposal Company

Section 12: Special Precautions

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- a) Do not store under freezing conditions or above 49 degrees C.
- b) Protect from physical damage and keep tightly closed.
- c) Do not store near acids or acidic materials and oxidizers.

MAINTENANCE PRECAUTIONS:

When working with FLAMMABLE material electrically ground all equipment and use only non-sparking tools.

OTHER PRECAUTIONS:

Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings.

Section 13: Other Information

New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]

New Zealand Emergency Services: 111

Autoserv New Zealand Ltd Limited has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations. **End of Safety Data Sheet.**