AIRCO FLUSH
Material Safety Data Sheet
EU

Section 1 – Product and Company Information

Product Name:	AIRCO BIOFLUSH
Product Codes:	AC2141
Manufactured By:	PRIMALEC
	Green Farm, Maidstone Road, Nettlestead Green, Nr. Maidstone, Kent ME18 5HD
Telephone:	+44 (0)1622 816955
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Section 2 – Composition and Information on Ingredients

COMPONENTS	CAS NO.	PEL/TLV-SOURCE
Dipropylene Glycol Methyl Ether	34590-94-8	100 ppm TWA, 150 ppm STEL (OSHA, ACGIH)
Propylene Glycol Butyl Ether	5131-66-8	Not Established

Non-ionic detergent <1%

All components of this product are listed on the U.S. TSCA inventory or are exempt from TSCA inventory requirements.

Section 3 – Hazard Identification

Carcinogenicity: Not listed for any component at 0.1% or greater

Skin contact: Repeated exposure may cause skin irritation

Eye contact: May cause moderate eye irritation or corneal injury. Vapors may irritate eyes.

Inhalation: Brief inhalation exposure not likely to cause adverse effects. Higher levels may cause narcosis

Primary Route(s) of Entry: Skin contact, absorption, eye contact, inhalation

Section 4 – First Aid Procedures

- Skin Contact: Thoroughly wash the exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.
- Eye Contact: Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.
- Ingestion: Immediately drink a large amount of water. Never give anything by mouth to an unconscious person. Do no induce vomiting. Get medical attention immediately.
- 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.

Section 5 – Fire Fighting Measures

Flash Point (Method Used): 71°C (160°F) (ASTM D-93)

Extinguishing Media: Use alcohol foam, carbon dioxide

or dry chemical extinguishing media

Special Fire Fighting Procedures: Wear self-contained breathing apparatus in the positive pressure demand mode when fighting fires

Unusual Fire & Explosion Hazards: Avoid all sources of ignition – heat, sparks, open flame. Vapors are heavier than air.

Section 6– Accidental Release Measures

Steps to be taken in case material is released or spilled:
Small Spill or Large Spill: Spill should be contained and placed in suitable containers for disposal
Waste Disposal Method: Do not dispose to sewers, on the ground, or into any body of water. All disposal methods must be in compliance with local laws and regulations. Waste characterizations and compliance are the responsibility of the waste generator.
For unused and uncontaminated product, the preferred options include sending to a licensed, permitted recycler, reclaimer, incinerator or other thermal destruction device.

Section 7 – Handling and Storage

Respiratory Protection: If work place exposure limit(s) of product or any component is exceeded (see section 2), a Niosh/MSHA approved air supplied respirator is advised in absence of proper environmental control engineering, or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(S).

Section 8 – Exposure Controls/Personal Protection

Eye Protection: Chemical splash goggles in compliance with OSHA regulations are advised. However, OSHA regulations also permit other type safety glasses (consult your safety equipment supplier).
Protective Gloves: Wear resistant gloves such as Neoprene.
Other Protective Equipment: To prevent repeated or prolonged skin contact, wear impervious clothing or boots.

Section 9 – Physical and Chemical Properties

Boiling Point: 171°C (340°F)

Specific Gravity (H_20 = 1): 0.91-0.92

% Volatile Organic Compounds: 99+

Freeze Point: <-73°C (<-100°F)

Vapor Density (Air=1): N/D

% Volatile (By Weight): 99+

Solubility of Water in Product: >100g/100g Product

Appearance / Odor: Clear colorless liquid, Slight Ether Odor

pH: Not Applicable, Non Aqueous

Section 10 – Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Cannot Occur

Incompatibility: Avoid contact with strong oxidizing agents

Hazardous Decomposition or Byproducts: Under Fire Conditions: Fumes, smoke, carbon dioxide, carbon monoxide, and other decomposition products

Section 11 – Toxicological Information

See section 3 for health hazard information

Section 12 – Ecological Information

Propylene glycol butyl ether is readily biodegradeable and is practically non-toxic to aquatic organisms.
Dipropylene glycol methyl ether is not considered a hazardous waste.

Section 13 – Ecological Information

See section 6. Dispose of product according to local regulations

Section 14 – Transport Information

DOT (49 CFR 172): Not Regulated
Bill of Lading: Cleaning compound IT 48580 S3
Poison Constituent: None
Marine Pollutant: No

Section 15 – Transport Information

Label requirement: St. Andrew's cross with caption "irritating"
Warning Statements:
R36/37/38 – Irritating to eyes, respiratory system and skin
S2 – keep out of reach of children
S36/37/39 – wear suitable protective clothing, gloves and eye/face protection
S24/25 – avoid contact with skin and eyes
S46 – if swallowed, seek medical advice immediately and show this container or label.

Section 16 – Other Information

While Primalec believes the data set forth herein are accurate as of the date hereof, Primalec makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation, and verification.