

**From:** asnukeith [Keith@asnu.com]  
**Sent:** 02 March 2007 12:03  
**To:** guido@ditex.it  
**Cc:** Lynn@asnu.com  
**Subject:** CF 10-251 Clean Chemical Data Sheet 2006

**MATERIAL SAFETY DATA SHEET**  
**ASNU™ BIO-DIESEL CLEAN**  
**Part No's: ASNU CF1, CF10, CF25**

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDER**

**Product name:** Bio Diesel Clean  
**Product code:** ASNU CF1, CF10, CF25  
**Use / description of product:** Ultrasonic Cleaning Fluid  
**Company name:** ASNU Corporation Europe Ltd  
65 - 67 Glencoe Road  
Bushey, Herts, WD23 3DP, England.  
Tel: +44 (0) 208 420 4494  
Fax: +44 (0) 208 420 4495  
Emergency tel: +44 (0) 7989 977568 (out of office hours only)

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients: 2-**

(2-BUTOXYETHOXY) ETHANOL 1-5%  
EINECS: 203-961-6 CAS: 112-34-5  
[Xi] R36  
• TETRAPOTASSIUM PYROPHOSPHATE 1-5%  
CAS: 7320-34-5  
[Xi] R36

**3. HAZARDS IDENTIFICATION**

**Main hazards:** No significant hazard.

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** There may be mild irritation at

the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Wash immediately with plenty of

soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**Storage conditions:** Store in cool, well ventilated area.

Keep container tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Red

**Odour:** Honeysuckle

**Solubility in water:** Highly soluble

**Viscosity:** Non-viscous

**Relative density:** 1.010 ± 0.010

**pH:** 10 ± 1

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Acids.

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

**Hazardous ingredients:** 2-(2-BUTOXYETHOXY) ETHANOL

ORL MUS LD50 6050 mg/kg

ORL RAT LD50 4500 mg/kg [cont...]

BIO CLEAN

SAFETY DATA SHEET

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. ECOLOGICAL INFORMATION

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

**ADR / RID**

**UN no:** -

**Shipping name:** "NOT SUBJECT TO ADR"

**IMDG / IMO**

**UN no:** -

**IATA / ICAO**

**UN no:** -

## 15. REGULATORY INFORMATION

**Hazard symbols:** No significant hazard.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. OTHER INFORMATION

**Risk phrases used in s.2:** R36: Irritating to eyes.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

DATE OF ISSUE:	APPROVED BY:	POSITION:	CAS NUMBER
17 <sup>th</sup> January 2006	Philip Ellisdon	Managing Director	

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled.

The data is not to be taken as a warranty or representation for which ASNU Corporation Europe Ltd assumes legal responsibility. It is the users responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. The user must determine use of the data and information, to be in accordance with local laws and regulations.