



## SAFETY DATA SHEET

### TUFF STUFF MULTI-PURPOSE FOAM CLEANER AEROSOL

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME	TUFF STUFF MULTI-PURPOSE FOAM CLEANER AEROSOL
APPLICATION	Cleaning agent
SUPPLIER	Clorox Europe Ltd, Unit 16, Rassau Industrial Estate, Ebbw Vale, Gwent NP23 5SD, UK Tel: 44 (0) 1495 350234 Fax: 44 (0) 1495 350234 EURegulatory@clorox.com
EMERGENCY TELEPHONE	44 (0) 1495 350234

#### 2 HAZARDS IDENTIFICATION

Extremely flammable.

CLASSIFICATION F+;R12.

PHYSICAL AND CHEMICAL HAZARDS

Extremely flammable. Aerosol cans may explode in a fire.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-BUTOXYETHANOL	203-905-0	111-76-2	1-5%	Xn;R20/21/22 Xi;R36/38
CITRUS FRAGRANCE 3611-D			< 1%	Xi;R36/37/38. R43.
ISOBUTANE	200-857-2	75-28-5	5-10%	F+;R12

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

**INHALATION**

Vapours may cause drowsiness and dizziness. Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

**INGESTION**

Rinse mouth thoroughly. Get medical attention. Provide rest, warmth and fresh air.

**SKIN CONTACT**

Prolonged contact may cause redness and irritation. Wash the skin immediately with soap and water. Do not use solvents or thinners.

**EYE CONTACT**

May irritate eyes. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

#### 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA**

Use: Carbon dioxide (CO<sub>2</sub>). Dry chemicals, sand, dolomite etc. Foam.

**SPECIAL FIRE FIGHTING PROCEDURES**

Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

Extremely flammable. Aerosol cans may explode in a fire.

## TUFF STUFF MULTI-PURPOSE FOAM CLEANER AEROSOL

**SPECIFIC HAZARDS**

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**6 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**ENVIRONMENTAL PRECAUTIONS**

Avoid discharge to the aquatic environment.

**SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Once the propellant has completely vented, absorb any remaining liquid in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Provide good ventilation. Avoid contact with eyes. Wash hands after handling.

**STORAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-BUTOXYETHANOL	WEL	25 ppm		50 ppm		Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

**HAND PROTECTION**

For prolonged or repeated skin contact use suitable protective gloves.

**EYE PROTECTION**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Aerosol Liquid		
ODOUR	Characteristic		
SOLUBILITY	Soluble in water		
RELATIVE DENSITY	1.005 - 1.009 @ 15.6 °C	pH-VALUE, CONC. SOLUTION	12.0 - 13.0

**10 STABILITY AND REACTIVITY**

**STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

**11 TOXICOLOGICAL INFORMATION**

## TUFF STUFF MULTI-PURPOSE FOAM CLEANER AEROSOL

**INHALATION**

Vapours may cause headache, fatigue, dizziness and nausea. Vapour may irritate respiratory system or lungs. Drowsiness, dizziness, disorientation, vertigo. Central nervous system depression.

**SKIN CONTACT**

Prolonged contact may cause irritation.

**EYE CONTACT**

Spray and vapour in the eyes may cause irritation and smarting.

### 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**

Not regarded as dangerous for the environment.

**DEGRADABILITY**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk). Recover and reclaim or recycle, if practical.

### 14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	ADR CLASS NO.	2
ADR CLASS	Class 2: Gases	ADR LABEL NO.	2.1
RID CLASS NO.	2	UN NO. SEA	1950
IMDG CLASS	2	EMS	2-13
MFAG	See Guide	UN NO. AIR	1950
AIR CLASS	2		

### 15 REGULATORY INFORMATION

**LABELLING**



Extremely Flammable

**RISK PHRASES**

R12                      Extremely flammable.

**SAFETY PHRASES**

- S2                              Keep out of the reach of children
- S16                             Keep away from sources of ignition - No smoking.
- S25                             Avoid contact with eyes.
- S51                             Use only in well-ventilated areas.
- P14                             Contains CITRUS FRAGRANCE 3611-D. May produce an allergic reaction.
- A1                             Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

**TUFF STUFF MULTI-PURPOSE FOAM CLEANER AEROSOL**

A2

Do not spray on a naked flame or any incandescent material.

## DETERGENT LABELLING

5 - < 15%	Aliphatic hydrocarbons
< 5%	Non-ionic surfactants
	Perfumes

## EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

## REVISION COMMENTS

Supplier name amended. Re-issued in accordance with Regulation (EC) No. 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

REVISION DATE 10-2005

REV. NO./REPL. SDS GENERATED 3 / 09-2005

## RISK PHRASES IN FULL

R12	Extremely flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R43	May cause sensitisation by skin contact.

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