



## SAFETY DATA SHEET

### ARMOR ALL TIRE FOAM AEROSOL

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

PRODUCT NAME                      ARMOR ALL TIRE FOAM AEROSOL

SUPPLIER                              Clorox Car Care,  
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Ebbw Vale,  
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#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
DIMETHYL ETHER	204-065-8	115-10-6	1-5%	F+;R12
ISOBUTANE	200-857-2	75-28-5	1-5%	F+;R12
PROPANE	200-827-9	74-98-6	1-5%	F+;R12

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

#### 3 HAZARDS IDENTIFICATION

Extremely flammable.

CLASSIFICATION                      F+;R12.

#### 4 FIRST-AID MEASURES

##### INHALATION

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

##### INGESTION

Due to the physical nature of this product swallowing is not likely to occur. However, if the product is swallowed Rinse mouth thoroughly. Get medical attention. Provide rest, warmth and fresh air.

##### SKIN CONTACT

Wash the skin immediately with soap and water. Do not use solvents or thinners.

##### EYE CONTACT

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.

##### SPECIFIC HAZARDS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

##### PROTECTIVE MEASURES IN FIRE

Wear suitable breathing apparatus.

#### 6 ACCIDENTAL RELEASE MEASURES

##### 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.

**ARMOR ALL TIRE FOAM AEROSOL****7 HANDLING AND STORAGE****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	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
DIMETHYL ETHER	WEL	400 ppm	766 mg/m3	500 ppm	958 mg/m3

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**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	Liquid Aerosol		
COLOUR	White Milky.		
RELATIVE DENSITY	1.009 - 1.017 @ 25 °C	pH-VALUE, CONC. SOLUTION	8.5 - 10.0

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**11 TOXICOLOGICAL INFORMATION****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.

**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).

**14 TRANSPORT INFORMATION**

PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	ADR CLASS NO.	2

**ARMOR ALL TIRE FOAM AEROSOL**

ADR CLASS	Class 2: Gases	ADR LABEL NO.	2.1
CEFIC TEC(R) NO.	20G5F	RID CLASS NO.	2
UN NO. SEA	1950	IMDG CLASS	2
EMS	2-13	MFAG	See Guide
UN NO. AIR	1950	ICAO 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.  
 A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
 A2 Do not spray on a naked flame or any incandescent material.

## DETERGENT LABELLING

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

## NATIONAL REGULATIONS

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.

**16 OTHER INFORMATION**

## REVISION COMMENTS

Compliant with CHIP 3.1 (29th ATP). Workplace Exposure Limits (WEL) now replace Occupational Exposure Standards (OES) and Maximum Exposure Limits (MEL). Detergent labelling information now included in Section 15. Amendments to Sections: 2, 8, 15, 16.

REVISION DATE 10-2005

REV. NO./REPL. SDS GENERATED 2 / 01-2003

## RISK PHRASES IN FULL

R12 Extremely flammable.

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