



## SAFETY DATA SHEET ARMOR ALL TIRE FOAM AEROSOL

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME **ARMOR ALL TIRE FOAM AEROSOL**

APPLICATION Automotive tyre cleaner.

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### 2 HAZARDS IDENTIFICATION

Extremely flammable.

CLASSIFICATION F+;R12.

#### PHYSICAL AND CHEMICAL HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up.

#### HUMAN HEALTH

Vapours may cause headache, fatigue, dizziness and nausea. May irritate eyes.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
SODIUM NITRITE	231-555-9	7632-00-0	< 1%	O;R8 T;R25 N;R50

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

### 4 FIRST-AID MEASURES

#### INHALATION

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

#### INGESTION

May cause discomfort if swallowed. Rinse mouth thoroughly. Get medical attention. Provide rest, warmth and fresh air.

#### SKIN CONTACT

Liquid may irritate skin. 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.

**ARMOR ALL TIRE FOAM AEROSOL****SPECIFIC HAZARDS**

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

**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.

**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.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Avoid inhalation of vapours/spray and contact with skin and eyes.

**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****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.

**ARMOR ALL TIRE FOAM AEROSOL****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
CEPIC 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	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.  
 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  
 Contains SODIUM BENZOATE,2,6-DIMETHYL-1,3-DIOXAN-4-YL ACETATE

**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.

## ARMOR ALL TIRE FOAM AEROSOL

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

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### 16 OTHER INFORMATION

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#### REVISION COMMENTS

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

REVISION DATE 09-2008

REV. NO./REPL. SDS GENERATED 3 / 10-2005

#### RISK PHRASES IN FULL

R8	Contact with combustible material may cause fire.
R25	Toxic if swallowed.
R50	Very toxic to aquatic organisms.

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