

SAFETY DATA SHEET (New REACH Anx 2 - GHS Anx 4)
Aerosol Solutions Kwik Tak 500ml

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name Aerosol Solutions Kwik Tak 500ml
Supplier: Aerosol Solutions Limited
 Unit C,Bridgefield Industrial Estate
 Draycott Road
 Breaston
 Derby
 DE72 3DS
 Tel: 01332 870030
 Fax :01332 870033
 Web: www.aerosolsolutions.co.uk

SECTION 2: HAZARDS IDENTIFICATION

Classification (1999/45/EEC) Carc. Cat. 3;R40. F+;R12.

Contains: DICHLOROMETHANE

Labelling



Harmful



Extremely Flammable

Risk Phrases

Safety Phrases

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
BUTANE/ISOBUTANE	EC No.:	CAS-No.: 106-97-8	10-30%	Classification (67/548/EEC) F+;R12.
DICHLOROMETHANE	EC No.: 200-838-9	CAS-No.: 75-09-2	30-60%	Classification (67/548/EEC) Carc. Cat. 3;R40
HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))	EC No.: -	CAS-No.: -	1-5%	Classification (67/548/EEC) F;R11 Xn;R65 Xi;R38 R67 N;R51/53
PROPANE	EC No.: 200-827-9	CAS-No.: 74-98-6	10-30%	Classification (67/548/EEC) F+;R12

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4: FIRST AID MEASURES

General Information

Move the exposed person to fresh air at once.

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Known or suspected carcinogen for humans.

Inhalation.

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately.

Skin Contact

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

Acts as a defatting agent on skin. Prolonged contact may cause redness, irritation and dry skin.

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Eye Contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

Irritation of eyes and mucous membranes.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

Water spray, fog or mist. Carbon dioxide (CO₂). Foam.

Special Fire Fighting Procedures

Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Use water spray to reduce vapours. Use water to keep fire exposed containers cool and disperse vapours. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak.

Unusual Fire & Explosion Hazards

Forms explosive mixtures with air. Extremely flammable. May explode in a fire. May travel considerable distance to source of ignition and flash back.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Methods For Cleaning Up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers. Use sealed containers for reclamation or dispose of at a licenced hazardous waste collection point. Avoid contact with water.

Environmental Precautions

Collect and dispose of spillage as indicated in section 13.

Personal Precautions

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

SECTION 7: HANDLING AND STORAGE

Usage Precautions

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations.

Storage Precautions

Keep away from heat, sparks and open flame. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store at moderate temperatures in dry, well ventilated area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BUTANE/ISOBUTANE	WEL	600 ppm		750 ppm		
DICHLOROMETHANE	WEL	100 ppm(Sk)	350 mg/m3(Sk)	300 ppm(Sk)	1060 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

Eye Protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Skin Protection

Wear suitable gloves if prolonged or repeated skin contact is likely

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Aerosol container containing a mixture of active ingredients, solvents and propellants

Odour

of solvents

Comments

A flash point method is not available for aerosols but the major hazardous component the Propellant has a flash point of <-40 C with flammability limits of 9.5% volume. Upper and 1.8% vol. lower. Auto ignition teperature is 410/580 C.

SECTION 10: STABILITY AND REACTIVITY

Stability

Highly volatile

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Conditions To Avoid

Avoid heat, flames and other sources of ignition.

Hazardous Decomposition Products

In combustion emits toxic fumes

SECTION 11: TOXICOLOGICAL INFORMATION

General Information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Known or suspected carcinogen for humans.

Health Warnings

Prolonged inhalation of high concentrations may damage respiratory system. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Route of entry

Inhalation. Skin absorption.

Target Organs

Central nervous system Respiratory system, lungs Liver

Medical Symptoms

Narcotic effect. Drowsiness. Dizziness.

Name	DICHLOROMETHANE
Toxic Dose 1 - LD 50	4770 mg/kg (oral-mouse)
Toxic Dose 2 - LD 50	5350 mg/kg (oral rat)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not expected to be hazardous to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods

Ensure container is empty and dispose of in accordance with Local Authority regulations. Do not pierce or incinerate even when container is empty.

SECTION 14: TRANSPORT INFORMATION

General

This product is packed in accordance with the Limited quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow the transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing they are labelled in accordance with the requirements of those regulations to show that they are transported as Limited Quantities. Aerosols not so packed must show the following.

UN No. (ADR/RID/ADN) 1950

ADR/RID/ADN Class 2.1

ADR/RID/ADN Packing group 2

Proper Shipping Name Flammable Gas (class 2)

Tunnel Restriction Code (D/E)

UN No. (ADR/RID/ADN) 1950

ADR/RID/ADN Class 2.1

ADR/RID/ADN Packing group 2

Tunnel Restriction Code (D/E)

SECTION 15: REGULATORY INFORMATION

Uk Regulatory References

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

Statutory Instruments

Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

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EU Legislation

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.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Health and Safety at Work Act (As Amended) 1974 The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007)

SECTION 16: OTHER INFORMATION

Date 28 March 2011

Risk Phrases In Full

R12 Extremely flammable.
R65 Harmful: may cause lung damage if swallowed.
R11 Highly flammable.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Hazard Statements In Full

H315 Causes skin irritation.
H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H411 Toxic to aquatic life with long lasting effects.