

SAFETY DATA SHEET**Sonic aerosol****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name Sonic aerosol

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Paint Stripper

1.3. Details of the supplier of the safety data sheet

Supplier Aztec Chemicals
Unit 16, University Way
Orion Park
Crewe
Cheshire
CW1 6NG
+ 44 (0) 1270 655500 (T)
+ 44 (0) 1270 655501 (F)
info@aztecchemicals.com

1.4. Emergency telephone number

Emergency telephone +44 (0)7831 300868

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification****Physical hazards**

Aerosol 1 - H222, H229

Health hazards

Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 2 - H371 STOT SE 3 - H335, H336 STOT RE 2 - H373

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xn;R20/21/22,R68/20/21/22. Carc. Cat. 3;R40. F+;R12.

Human health

Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Environmental

The product contains a substance which may have hazardous effects on the environment.

Physicochemical

Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

2.2. Label elements**Pictogram**

Signal word



Danger



Sonic aerosol

Hazard statements

H222 Extremely flammable aerosol.
 H229 Pressurised container: may burst if heated
 H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H351 Suspected of causing cancer.
 H371 May cause damage to organs .
 H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P260 Do not breathe vapour/spray.
 P271 Use only outdoors or in a well-ventilated area.
 P262 Do not get in eyes, on skin, or on clothing.
 P280 Wear protective clothing and gloves.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 P501 Dispose of contents/container in accordance with local regulations.

Supplemental label information

RCH002a Restricted to professional users.

Contains

DICHLOROMETHANE, METHANOL, White Spirit (Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DICHLOROMETHANE	60-100%
CAS number: 75-09-2 EC number: 200-838-9 REACH registration number: 01-2119480404-41	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	Carc. Cat. 3;R40
Eye Irrit. 2 - H319	
Carc. 2 - H351	
STOT SE 3 - H335, H336	
STOT RE 2 - H373	
PROPANE	5-10%
CAS number: 74-98-6 EC number: 200-827-9 REACH registration number: Exempt under REACH	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Gas 1 - H220	F+;R12
Press. Gas	

Sonic aerosol

METHANOL	5-10%
CAS number: 67-56-1 EC number: 200-659-6 REACH registration number: 01-2119433307-44	
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 STOT SE 1 - H370	Classification (67/548/EEC or 1999/45/EC) F;R11 T;R23/24/25,R39/23/24/25
BUTANE	1-5%
CAS number: 106-97-8 EC number: 203-448-7 REACH registration number: Exempt under REACH	
Classification Flam. Gas 1 - H220 Press. Gas	Classification (67/548/EEC or 1999/45/EC) F+;R12
ISOBUTANE	1-5%
CAS number: 75-28-5 EC number: 200-857-2 REACH registration number: Exempt under REACH	
Classification Flam. Gas 1 - H220 Press. Gas	Classification (67/548/EEC or 1999/45/EC) F+;R12
White Spirit (Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics)	1-5%
CAS number: 64742-88-7 EC number: 919-446-0 REACH registration number: 01-2119458049-33	
Classification Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 STOT SE 3 - H336 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn;R65. N;R51/53. R10,R66,R67.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Move affected person to fresh air at once. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep affected person warm and at rest. Get medical attention immediately.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Sonic aerosol

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use fire-extinguishing media suitable for the surrounding fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Protective actions during firefighting

Warn firefighters that aerosols are involved.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Avoid contact with skin or inhalation of spillage, dust or vapour. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray near a naked flame or any incandescent material. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 degrees Centigrade. Do not pierce or burn, even after use. Store in a cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Sonic aerosol

DICHLOROMETHANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 350 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 1060 mg/m3(Sk)

PROPANE

Long-term exposure limit (8-hour TWA): SUP ppm
Short-term exposure limit (15-minute): SUP ppm

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 266 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 333 mg/m3(Sk)

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm
Short-term exposure limit (15-minute): WEL 750 ppm

ISOBUTANE

Long-term exposure limit (8-hour TWA): WEL 800 ppm
Short-term exposure limit (15-minute): WEL No std.

White Spirit (Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics

Long-term exposure limit (8-hour TWA): WEL 600 mg/m3
WEL = Workplace Exposure Limit

Ingredient comments

WEL = Workplace Exposure Limits

METHANOL (CAS: 67-56-1)

DNEL	Industry - Dermal; Short term systemic effects: 40 mg/kg/day Industry - Inhalation; Short term systemic effects: 260 mg/m3 Industry - Inhalation; Short term local effects: 260 mg/m3 Industry - Dermal; Long term systemic effects: 40 mg/kg/day Industry - Inhalation; Long term systemic effects: 260 mg/m3 Consumer - Inhalation; Long term local effects: 50 mg/m3 Consumer - Dermal; Short term systemic effects: 8 mg/kg/day Consumer - Inhalation; Short term systemic effects: 50 mg/m3 Consumer - Oral; Short term systemic effects: 8 mg/kg/day
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PNEC	- Fresh water; 154 mg/l - Marine water; 15.4 - Sediment; 570.4 mg/kg - Soil; 23.5 mg/kg - STP; 100 mg/l - Intermittent release; 1540 mg/kg
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White Spirit (Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (CAS: 64742-88-7)

DNEL	Industry - Inhalation; Short term systemic effects: 570 mg/m3 Industry - Dermal; Long term systemic effects: 44 mg/kg/day Industry - Inhalation; Long term systemic effects: 330 mg/m3 Consumer - Inhalation; Short term systemic effects: 570 mg/m3 Consumer - Dermal; Long term systemic effects: 26 mg/kg/day Consumer - Inhalation; Long term systemic effects: 71 mg/m3 Consumer - Oral; Long term systemic effects: 26 mg/kg/day
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8.2. Exposure controls

Protective equipment

Sonic aerosol



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Personal protection

When using do not smoke.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Wash hands after handling. Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. Do not smoke in work area. Use appropriate hand lotion to prevent defatting and cracking of skin.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Aerosol.

Colour

Milky.

Odour

Chlorinated hydrocarbons.

Flash point

<-40°C

Comments

Information given is applicable to the major ingredient.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Sonic aerosol

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other health effects

IARC Int. Agency for Cancer Research. Consolidated carcinogen list. Carcinogen Category 3.

Acute toxicity - oral

ATE oral (mg/kg)

1,670.84377611

Acute toxicity - dermal

ATE dermal (mg/kg)

5012.53132832

General information

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal. Contains suspected human carcinogen

Inhalation

In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death. Gas or vapour is harmful on prolonged exposure or in high concentrations.

Ingestion

Swallowing concentrated chemical may cause severe internal injury. May cause liver and/or renal damage.

Skin contact

May be absorbed through the skin. Prolonged or repeated exposure may cause severe irritation.

Eye contact

Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards

Arrhythmia (deviation from normal heart beat). In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Route of entry

Inhalation Skin absorption Ingestion. Skin and/or eye contact

Target organs

Central nervous system Respiratory system, lungs Liver Eyes Heart & cardiovascular system Kidneys Skin

Medical symptoms

Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness. Skin irritation. Severe irritation, burning and tearing.

Medical considerations

Skin disorders and allergies. Liver and/or kidney damage. Convulsions. Central nervous system depression.

SECTION 12: Ecological Information

Ecotoxicity

This product has not been tested but contains ingredients which are toxic or very toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment. During normal use the volatility of the components and the packaging form, pressurised container, make entry into the aquatic environment unlikely, however, do not empty or discharge into drains or watercourses. Ensure container is empty before disposal to prevent contents entering watercourses.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability

The product is slowly degradable.

12.3. Bioaccumulative potential

Sonic aerosol

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not puncture or incinerate, even when empty.

Disposal methods

Empty containers must not be punctured or incinerated because of the risk of an explosion.

SECTION 14: Transport information

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

14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID subsidiary risk	6.1
ADR/RID label	2.1 & 6.1
IMDG class	2.1
IMDG subsidiary risk	6.1
ICAO class/division	2.1
ICAO subsidiary risk	6.1

Transport labels



14.4. Packing group

Not applicable.

ADR/RID packing group

Sonic aerosol

IMDG packing group

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-D, S-U

Emergency Action Code

Hazard Identification Number
(ADR/RID)

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Guidance

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment**SECTION 16: Other information**

Revision date 20/11/2014

Revision 1

SDS number 10324

SDS status Approved.

Risk phrases in full

R10 Flammable.

R11 Highly flammable.

R12 Extremely flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

R40 Limited evidence of a carcinogenic effect.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

Hazard statements in full

Sonic aerosol

- H220 Extremely flammable gas.
- H222 Extremely flammable aerosol.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H229 Pressurised container: may burst if heated
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H370 Causes damage to organs .
- H371 May cause damage to organs .
- H373 May cause damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure if inhaled.
- H411 Toxic to aquatic life with long lasting effects.

Disclaimer

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 the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.