



Safety Data Sheet ANCHORSPRAY (Aerosol)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: ANCHORSPRAY

SUPPLIER: Redwood Innovations
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2 COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	CONCENTRATION RANGES	EEC NUMBER/HAZARD LABEL
Dichloromethane	75-09-2	>25% <50%	200-838-9 Xn
Butane	106-97-8	>10% <25%	203-448-7 F+
Propane	74-98-6		200-827-9 F+

3 HAZARDS IDENTIFICATION

Main Hazards: Vapours generated in use are harmful and narcotic.
The propellant gases are extremely flammable.
Contact with the liquid material may cause skin irritation.
The material is supplied in pressurised containers.

4 FIRST AID MEASURES

GENERAL: Move victim from source of exposure.

INHALATION: Allow victim to recover in fresh air, away from site of exposure. If not breathing apply artificial respiration and seek urgent medical advice.

INGESTION: Do not induce vomiting. Give water to drink and seek medical advice.

SKIN: Wash off with soap and water. If there is irritation seek medical advice.

EYE: Wash eyes immediately with normal saline (if available) or water for at least 10 minutes. If there is any continuing irritation or effects on vision seek medical advice.

5 FIRE FIGHTING MEASURES

RISKS: Highly flammable

SPECIAL PRECAUTIONS: Keep containers cool (below 50°C)

EXTINGUISHING MEDIA: Fire fighters should use SCBA in non-trivial fires. Quench fire with dry powder or CO₂. If not available use water fog.

FIRE & EXPLOSION HAZARDS: This is a water-based product and presents no particular fire or explosion hazard.

HAZARDOUS COMBUSTION PRODUCTS: Combustion may generate oxides of carbon, hydrogen chloride, Phosgene and possibly chlorine.

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6 ACCIDENTAL RELEASE MEASURE

For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

PERSONAL PRECAUTIONS DURING SPILL:

Wear impervious gloves and eye protection (as section 8). If spillage is in confined space check that atmosphere is breathable – consider use of self-contained breathing apparatus.

PRECAUTIONS TO PROTECT ENVIRONMENT:

Spillages or uncontrolled discharges into waterways or storm sewer must be reported to The Environment Agency or other regulatory body.

SPILL CLEANUP METHODS:

Absorb spilled material onto inert solids such as sand, earth or clay-based absorbent and allow the solvent to evaporate. Collect resultant solid wastes in sealable drums and dispose via a licensed waste contractor.

7 HANDLING AND STORAGE

STORAGE CONDITIONS:

Keep away from foodstuffs.

HANDLING/STORAGE:

Store in dry conditions in original containers away from sources of ignition. Do not puncture or incinerate.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION



VENTILATION REQUIREMENTS

Use under conditions of adequate ventilation. See also exposure limits (Section 15). Forced ventilation (LEV) is recommended.

EYE PROTECTION REQUIREMENTS

Wear chemical goggles.

GLOVE REQUIREMENTS

Wear impervious (nitrile or neoprene) gloves.

CLOTHING REQUIREMENTS

If the usage involves significant risk of skin contact, wear protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL FORMULA:

Mixed solution

PHYSICAL FORM:

Liquid

APPEARANCE/ODOUR:

Clear with strong odour of organic solvent

pH AS IS:

Not available

BOILING POINT:

40°C

SOLUBILITY IN WATER:

Immiscible with water

RELATIVE DENSITY:

0.98 @ 20°C

VAPOUR PRESSURE:

70 psig @ 21°C (approx. 480 kilopascals)

FLASH POINT:

< -6°C

10 STABILITY AND REACTIVITY

STABILITY:

Stable

Avoid contact with strong oxidising agents, strong acids and strong alkalis. This material contains chlorinated hydrocarbon. Some chemicals in this class react violently with aluminium at elevated temperatures.

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11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No detailed toxicological data is available for the preparation.

OTHER HEALTH EFFECTS

ROUTE OF ENTRY:

Eye contact; ingestion; inhalation.

EFFECTS OF CHRONIC EXPOSURE:

Although this product has not been tested for chronic effects there is no evidence of carcinogenicity from this preparation. There is also no evidence of mutagenic or teratogenic activity from this preparation. Use of good industrial hygiene practices is recommended.

TARGET ORGANS:

None known.

SPECIAL HEALTH EFFECTS:

None known.

12 ECOLOGICAL INFORMATION

MOBILITY:

It is rapidly converted to immobile and insoluble solid by solvent evaporation.

PERSISTENCE AND DEGRADABILITY:

Solvents degrade naturally in the environment.

POTENTIAL TO BIOACCUMULATE:

No.

AQUATIC TOXICITY:

Harmful.

13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:

All disposals must be subject to local regulations and consents. Used product may be disposed as a normal industrial waste, substantially inert. Unused product, in containers, should be disposed via a properly licensed Waste Disposal contractor. Under Schedule 2, Part of the Special Waste regulations 1996 such product would be classified as a Special Waste 08 04 09, (waste adhesives and sealants containing organic solvents of other dangerous substances). Other hazardous waste classifications are also possible.

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME:

Aerosols

U.N. NUMBER:

1950

U.N. CLASS, PACKING GROUP:

2

15 REGULATORY INFORMATION



LABELLING REQUIREMENTS:

Extremely flammable
Harmful.

RISK PHRASES:

R12 Extremely flammable.
R40 Limited evidence on carcinogenic effect.

SAFETY PHRASES:

S9 Keep container in well ventilated place.
S16 Keep away from sources of ignition. No smoking.
S23 Do not breathe the vapours generated when spraying.
S24/25 Avoid contact with skin or eyes.
S36/37 Wear protective clothing, gloves, eye protection.
S51 Use only in well ventilated areas.

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15 REGULATORY INFORMATION – cont'd

WORKPLACE EXPOSURE LIMITS:

SUBSTANCE	REFERENCE PERIOD	LIMIT (ppm)	LIMIT (mgM-ü)
Dichloromethane	15 minutes TWA	300	1060
Dichloromethane	8 hours TWA	100	350

These limits are under active review by HSE. Personnel regularly exposed to significant quantities of dichloromethane in their working environment should be monitored for the extent of their work with EH40/2005, Table 2. This is a non-statutory but recommended check on the effectiveness of the control procedures. Propane is regarded as an asphyxiant.

16 OTHER INFORMATION

INFORMATION CONTACT:

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Reference should be made to any relevant local or national health, safety, and environmental legislation. This information does not constitute indication of suitability for specific use.

LEGAL DISCLAIMER:

The above information is based on our present knowledge of the product and is given in good faith. The information has been verified so far as is possible but no obligation is accepted or is implied for its accuracy or completeness. It is presented in accordance with the requirements of 91/155/EEC as enacted into British practice by The Chemicals (Hazard Information and Packaging for Supply Regulations 2002 SI 1689 2002). Unless otherwise stated statutory regulations refer to those for the United Kingdom, thus exposure limits, for example, are those for the UK.

It should be understood that the uses to which this material might be put and the conditions under which it is used are entirely beyond control of Redwood Innovations. Consequently the assessment of the risks of using this material lie with the user: this information is NOT an assessment of those risks.