

SAFETY DATA SHEET

Anti-spatter spray



SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Anti-spatter spray
PROPER SHIPPING NAME: AEROSOL

SECTION 2. HAZARDS IDENTIFICATION

RISK PHRASES

R40 Limited evidence of a carcinogenic effect.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S23 Do not breathe vapour/spray.
S36/37 Wear suitable protective clothing and gloves.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.
P14 Contains d-LIMONENE, Orange Terpenes. May produce an allergic reaction.
A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

The above phrases are the risks associated with the product

ENVIRONMENT

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements.

PHYSICAL AND CHEMICAL HAZARDS

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

STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). DANGEROUS GOODS (According to ADG Code).

DG CLASS

Class 2: Gases

ADG SUBRISK 6.1

PACKING GROUP N/A

UN NO. 1950

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548)
DICHLOROMETHANE	200-838-9	75-09-2	60-80%	Carc. Cat. 3;R40
1,1,1,2-TETRAFLUOROETHANE R134A	212-377-0	811-97-2	10-30%	-
d-LIMONENE	227-813-5	5989-27-5	< 1%	R10 R43 Xi;R38 N;R50/53
Orange Terpenes	232-433-8 8	8028-48-6	< 1%	Xn;R65. Xi;R38. N;R50/53. R10,R43.

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

COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels Ingredients are registered on AICS

SECTION 4. FIRST AID MEASURES

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NOTES TO THE PHYSICIAN

Treat symptomatically

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

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 and get medical attention.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

SECTION 7. STORAGE AND HANDLING

USAGE PRECAUTIONS

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Wear full protective clothing for prolonged exposure and/or high concentrations.

STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
1,1,1,2-TETRAFLUOROETHANE R134A	ES- TWA	1000 ppm	4240 mg/m3			
DICHLOROMETHANE	ES- TWA	50 ppm(Sk)	174 mg/m3(Sk)			

INGREDIENT COMMENTS

Australian exposure limits are: LT= ES-TWA and ST= ES STEL

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

OTHER PROTECTION

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

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE COLOUR

Aerosol Liquid
Colourless

ODOUR	Characteristic
VOLATILITY DESCRIPTION	Volatile.
SOLUBILITY	Insoluble in water
RELATIVE DENSITY	0.950 @ 20 °c
VAPOUR PRESSURE	47.1 kPa @ 20 °c
AUTO IGNITION TEMPERATURE (°C)	465 (869 F)

SECTION 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Carbon monoxide (CO). Hydrogen fluoride (HF). Carbonyl fluoride

SECTION 11. TOXICOLOGY INFORMATION

GENERAL INFORMATION

Known or suspected carcinogen for humans.

INHALATION

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Irritation of eyes and mucous membranes.

OTHER HEALTH EFFECTS

Suspect Cancer Hazard.

Name	DICHLOROMETHANE
Toxic Dose 1 - LD 50	670 mg/kg (oral rat)
Name	d-LIMONENE
Toxic Dose 1 - LD 50	>5000 mg/kg (oral rat)
Name	Orange Terpenes
Toxic Dose 1 - LD 50	>5000 mg/kg (oral rat)

SECTION 12. ECOLOGICAL INFORMATION

Name	d-LIMONENE
EC 50, 48 Hrs, Daphnia, mg/l	12.3
Mobility	

The product has poor water-solubility.

Name	Orange Terpenes
EC 50, 48 Hrs, Daphnia, mg/l	12.3

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14. TRANSPORTATION INFORMATION



PROPER SHIPPING NAME
ADG CLASS

AEROSOLS
Class 2.2: Non-flammable non-toxic gases

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO.	1950
ADG CLASS NO.	2
DG CLASS	Class 2: Gases
ADG SUBRISK	6.1
PACKING GROUP	N/A
ADG LABEL NO.	2.2 & 6.1
UN NO. SEA	1950
IMDG CLASS	2.2
IMDG SUB CLASS	6.1
IMDG PACK GR.	N/A
EMS	F-D, S-U
UN NO. AIR	1950
AIR CLASS	2.2
AIR SUB CLASS	6.1
AIR PACK GR.	N/A

SECTION 15. REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS DICHLOROMETHANE
RISK PHRASES

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R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S23 Do not breathe vapour/spray.
S36/37 Wear suitable protective clothing and gloves.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.
P14 Contains d-LIMONENE, Orange Terpenes. May produce an allergic reaction.
A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

POISONS SCHEDULE NUMBER NONE

NATIONAL REGULATIONS AND REFERENCES

National Model Regulations for the Control of Workplace Hazardous Substances.
National Code of Practice for the Control of Workplace Hazardous Substances.
National Code of Practice for the Labelling of Workplace Substances.
National Code of Practice for the Preparation of Material Safety Data Sheets.
Approved Criteria for Classifying Hazardous Substances.
Exposure Standards for Atmospheric Contaminants in the Occupational Environment.
Australian Dangerous Goods Code. The Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

SECTION 16. OTHER INFORMATION

RISK PHRASES IN FULL

R10 Flammable.
R65 Harmful: may cause lung damage if swallowed.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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*****End of MSDS*****

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