

SAFETY DATA SHEET

De-Icer Aerosol

DEICER 300 / DEICER 400

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: De-Icer Aerosol

PART No.: 003306/001795

APPLICATIONS: De-Icer product.

SUPPLIER: Automotive Chemicals Ltd.
Bevis Green Works
Bury
Lancs. BL9 6RE

TELEPHONE: 0161 764-5981

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2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME:	CAS No.:	CONTENT	HEALTH:	RISK:
ETHANOL	64-17-5	30-60 %		
ETHANEDIOL	107-21-1	5-10 %	Xn	22
AMMONIA SOLUTION ...%		1-5 %	C	34, 37
CARBON DIOXIDE	124-38-9	5-10	NC	

COMPOSITION COMMENTS:

Aerosol product - Propellant is usually Carbon Dioxide but may also be a mixture of Butane/Propane. R12 Extremely Flammable. Contains either Ethanol as above or Propan-2-ol.

3. HAZARDS IDENTIFICATION:

Extremely flammable.

4. FIRST AID MEASURES:

GENERAL: No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

INHALATION: Remove victim immediately from source of exposure. General first aid, rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION: Drink a few glasses of water or milk. DO NOT induce vomiting. Get medical attention immediately.

SKIN: Wash skin thoroughly with soap and water.

EYES: Important! Immediately rinse with water for 15-30 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:

Use : Dry Powder, Foam, Carbon dioxide (CO₂), Water spray, fog or mist. Do not use Water Jets.

HYGIENIC WORK PRACTICES:

Wash at the end of each work shift and before eating, smoking and using the toilet. **DO NOT SMOKE IN WORK AREA!** No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Liquid.	
COLOUR:	Colourless.	
ODOUR/TASTE:	Alcohol. or Ammonia.	
SOLUBILITY DESCRIPTION:	Miscible with water.	
BOILING POINT (°C, interval):	Not Applicable	PRESSURE:
MELT/FREEZ. POINT (°C, interval):	Not Applicable	
DENSITY/SPECIFIC GRAVITY (g/ml):	0.915 - 0.935	TEMPERATURE (°C): 20
VOLATILITY DESCRIPTION:	Emits vapours, especially during heating.	
pH-VALUE, CONC. SOLUTION:	10.0 - 11.5	
FLASH POINT (°C):	Not Applicable.	METHOD: N/A.
AUTO IGNITION TEMP. (°C):	Not Applicable	

10. STABILITY AND REACTIVITY:

STABILITY: No particular stability concerns. Avoid: Heat, sparks, flames. Pressurised container. Do not expose to temperatures greater than 50°C.

CONDITIONS TO AVOID:

Avoid heat, flames and other sources of ignition.

HAZARDOUS DECOMP. PRODUCTS:

Acrid smoke/toxic gases may be produced. Oxides of: Carbon.

11. TOXICOLOGICAL INFORMATION:**TOXICOLOGICAL INFORMATION:**

Over exposure by inhalation or through skin absorption may lead to dizziness, headache and anaesthesia. Prolonged or repeated skin contact can lead to irritation by solvent action. Prolonged contact with skin may cause irritation.

HEALTH HAZARDS, GENERAL:

Avoid contact with skin and eyes, do not inhale.

INHALATION: Inhalation of concentrated vapour may cause dizziness, headaches, etc.

INGESTION: Gastric discomfort/irritation.

SKIN: Follow good hygiene practice, wash hands thoroughly after using this product.

EYES: Vapour can be irritating. Contact will cause irritation.

12. ECOLOGICAL INFORMATION:**ECOLOGICAL INFORMATION:**

Do not allow product to enter surface water courses in significant quantities.

13. DISPOSAL CONSIDERATIONS:

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DISPOSAL METHODS:

Dispose of in accordance with Local Authority requirements. Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction.

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:



ROAD TRANSPORT:

UN No. ROAD:

1950

PROPER SHIPPING NAME I:

Aerosols

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES:

R-12 Extremely flammable.

SAFETY PHRASES:

S-2 Keep out of reach of children.
S-16 Keep away from sources of ignition - No Smoking.
S-23 Do not breathe gas/fumes/vapour/spray.
S-24/25 Avoid contact with skin and eyes.

UK REGULATORY REFERENCES:

The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations 1993.

16. OTHER INFORMATION:

USER NOTES:

The information given in the document has been compiled on the basis of our current knowledge in accordance with the requirements of the Chemical Hazards Information and Packaging Regulations. It does not imply that the information is complete or accurate in all cases. It is the users responsibility to satisfy themselves as to the application of the information and/or the recommendation given for their own use. Specific uses should be referred to us for specific advice or comment as appropriate.

ISSUED BY:

AM

DATE: 5.9.97

TETROSYL OILS

Product Information

~~DEICER 300~~ / DEICER 1100

DE-ICER (AEROSOL)

DESCRIPTION

A highly concentrated de-icer solution designed to remove ice deposits from windscreens. It also offers protection against re-freezing.

ADVANTAGES

- * Methanol and CFC free formula
- * Fast action de-icer
- * Spray operates at -15°C

PROPERTIES

Appearance : Clear, colourless liquid
 SG @ (15°C) : 0.915 - 0.935
 pH : 10.0 - 11.5

DIRECTIONS FOR USE

1. Remove and heavy deposits of snow.
2. Direct spray close to windscreen, starting at the top, moving across and working downwards, holding spray in an upright position.
3. When ice melts remove the surplus with windscreen wipers.

AVAILABILITY

Available in a range of sizes.

Tetrosyl Oils Ltd operate a programme of continuous research and development and therefore reserve the right to alter a specification without prior notice.

This sheet supersedes all previous issues.