

Selden Research Limited

Decosol Dual Action S/W && Deicer [AD25FF]

AD25FF

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: AD25FF
PRODUCT NAME: Decosol Dual Action S/W && Deicer [AD25FF]
SUPPLIER: Selden Research Limited
Staden Lane
Ashbourne Road
Buxton
Derbyshire
SK17 9RZ

TELEPHONE: 01298 26226**FAX:** 01298 26540

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME CAS No.:	EINECS Nr.:	CLASSIFICATION	CONTENT
ETHANOL 200-578-6	64-17-5	F;R11	30-60 %
METHANOL 200-659-6	67-56-1	F;R11 T;R23/24/25,R39/23/24/25	1-5 %
Nonylphenol ethoxylate sulphate, ammonium salt	9051-57-4	Xi;R36/38. R53.	1-5 %
Primary alcohol ethoxylate	68439-45-2	Xi;R41.	1-5 %
PROPAN-2-OL 200-661-7	67-63-0	F;R11 Xi;R36 R67	1-5 %

The full text for all R-Phrases are displayed in Section 16

3. HAZARDS IDENTIFICATION

R11 Highly flammable.

4. FIRST AID MEASURES

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!, NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!, Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Get medical attention immediately!

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

EYES: 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. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Fire can be extinguished using; Alcohol resistant foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES: Use water to keep fire exposed containers cool and disperse vapours. Move container from fire area if it can be done without risk.

UNUSUAL FIRE & EXPLOSIVE HAZARDS: May travel considerable distance to source of ignition and flash back. May explode when heated or when exposed to flames or sparks.

SPECIFIC HAZARDS: Fire creates; Toxic gases/vapours/fumes of, Carbon monoxide (CO). Carbon dioxide (CO2).

PROTECTIVE MEASURES IN FIRE: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Selden Research Limited

Decosol Dual Action S/W && Deicer [AD25FF]

AD25FF

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS:	Remove sources of ignition. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.
ENVIRONMENTAL PRECAUTIONS:	Do not allow to enter drains, sewers or watercourses.
PERSONAL PRECAUTIONS:	Wear protective clothing as described in Section 8 of this safety data sheet.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.
STORAGE PRECAUTIONS:	Store in tightly closed original container in a dry and cool place. Keep away from heat, sparks and open flame.
USAGE DESCRIPTION:	Flammable liquid storage.
STORAGE CLASS:	Empty contents into windscreen washer bottle and dilute with water according to instructions.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
METHANOL		WEL	200	250

PROTECTIVE EQUIPMENT:



9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid
COLOUR:	Blue
ODOUR:	Odour of alcohol, Lemon
DENSITY/SPECIFIC GRAVITY(g/ml)	0.87
pH-VALUE, CONC. SOLUTION:	6.0 - 9.0
SOLUBILITY:	Soluble in water
FLASH POINT (°C):	21 CC (Closed)

10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperature conditions.
CONDITIONS TO AVOID:	Avoid contact with strong oxidisers. Avoid heat, flames and other sources of ignition.
HAZARDOUS COMPOSITION PRODUCTS:	Fire creates:, Toxic gases/vapours/fumes of:, Carbon monoxide (CO). Carbon dioxide (CO2).

11. TOXICOLOGY INFORMATION

INHALATION:	Vapour may irritate respiratory system or lungs. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication.
INGESTION:	May cause nausea, headache, dizziness and intoxication. May irritate and cause stomach pain, vomiting and diarrhoea.
SKIN CONTACT:	Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
EYE CONTACT:	Irritation of eyes and mucous membranes.
HEALTH WARNINGS:	Acts as a defatting agent on skin. May cause cracking of skin, and eczema. CNS depressant.
MEDICAL SYMPTOMS:	Irritation of eyes and mucous membranes. Dilated pupils. Drowsiness, dizziness, disorientation, vertigo. Central nervous system depression. Rhinitis (inflammation of the nasal mucous membranes).

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Not classed as Hazardous to the Environment but release to the environment should be avoided.
DEGRADABILITY:	The product is easily biodegradable.

Selden Research Limited

Decosol Dual Action S/W && Deicer [AD25FF]

AD25FF

13. DISPOSAL CONSIDERATIONS

DISPOSABLE METHODS:

Dispose of waste and residues in accordance with local authority requirements., Do not allow runoff to sewer, waterway or ground.

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



UN No ROAD:

1170

UK ROAD TRANSPORT CLASS:

3

UK ROAD PACK GR.:

II

ADR CLASS NO.:

3

ADR CLASS:

Class 3: Flammable liquids.

PROPER SHIPPING NAME I:

ETHANOL SOLUTION

UN No SEA:

1170

IMDG CLASS:

3

UN NO. AIR:

1170

ICAO CLASS:

3

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES:

R11 Highly flammable.

SAFETY PHRASES:

S2 Keep out of the reach of children, S16 Keep away from sources of ignition - No smoking. S46 If swallowed, seek medical advice immediately and show this container or label. S51 Use only in well-ventilated areas.

STATUTORY INSTRUMENTS:

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES:

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

Selden Research Limited

Decosol Dual Action S/W && Deicer [AD25FF]

AD25FF

16. OTHER INFORMATION

USER NOTES:

The following risk phrases relate to the raw materials in the product and not the product itself:-

REVISION DATE:

16/08/2006

REV. NO./REPL. SDS GENERATED:

1

R-PHRASES (Full Text):

R11 Highly flammable., 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.| R11 Highly flammable.| R11 Highly flammable., R36 Irritating to eyes., R67 Vapours may cause drowsiness and dizziness.| R36/38 Irritating to eyes and skin., R53 May cause long-term adverse effects in the aquatic environment.| R41 Risk of serious damage to eyes.|