

SDS Reference CAT004
Version No. 1
Revision Date
Authorisation Date 1ST APRIL 2002

Safety Data Sheet



DRISHEEN P EXTRACT

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name DRISHEEN P EXTRACT

Synonym (s)

Company Identification CATOMANCE TECHNOLOGIES LIMITED
4 CAXTON PLACE
STEVENAGE
HERTS SG1 2UF

Telephone: 01438 360747 (24 hours)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS PREPARATION OF SOLVENTS AND SURFACTANTS

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
SODIUM HYDROXIDE	1310-73-2	215-185-5	C: R35	Approx. 2%
ALKYL (C ₁₀₋₁₄) BENZENE	85117-49-3	285-599-9	Xn; R22	3-5%
SULPHONIC ACID			C: R34	
ISOPROPYLATED PHENOL (CONTAINING PHENOL)			T: R24/25 C: R34; N: R50, 53	Approx. 1%

3. HAZARDS IDENTIFICATION



IRRITANT

Physical & Chemical:

Health: IRRITATING TO EYES AND SKIN (see section 16).
THE PREPARATION CONTAINS SUBSTANCES THAT HAVE AN OCCUPATIONAL EXPOSURE LIMIT (OEL)

Environmental: HARMFUL TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT (see section 12)

4. FIRST AID MEASURES

General information

Inhalation If inhaled, provide fresh air, warmth, rest and if necessary, seek medical advice.

Skin contact Immediately wash contaminated skin with soap and large quantities of water. If necessary, seek medical advice.

Eye contact Immediately wash eyes thoroughly with plenty of water until irritation subsides. If necessary (e.g. irritation persists), consult an eye specialist/ophthalmologist.

Ingestion Allow the patient to vomit on his own accord. Give copious water to drink; if necessary seek medical advice.

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4. FIRST AID MEASURES

Further information

5. FIRE FIGHTING MEASURES

General hazard	THE PRODUCT IS NOT FLAMMABLE
Extinguishing media	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder)
Extinguishing media not to be used	
Special exposure hazards	The thermal decomposition products released should be considered toxic if inhaled.
Protective equipment	Wear self-contained breathing apparatus.
Further information	Avoid run-off water entering the drains (e.g. use barriers)

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.
Environmental considerations	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
Further information	

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice.
Storage conditions	Ensure adequate ventilation of the storage area. Keep containers tightly closed and dry.
Further information	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls. LTEL (8 hour TWA): 2 ppm mg/m ³ MEL data for phenol (EH40/2002) STEL (15 minutes): ppm 2 mg/m ³ OES for sodium hydroxide (EH40/2002)
Engineering controls	Ensure adequate ventilation of working area
Personal protection	Observe normal standards for handling chemicals.. Avoid breathing vapour. Avoid contact with skin and eyes. (Phenol can be absorbed through skin) Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles
Skin protection	Plastic or rubber gloves

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection Respirator if ventilation is judged to be insufficient.
Other protection Protective overalls.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form Viscous liquid
Colour Brown
Odour Perceptible
pH 8.5-9.5
Boiling pt / range From 100 °C
Melting pt / range °C
Flash point °C
Autoflammability °C
Density Approx 1.0 g/cm³
Explosive limits Lower: % (v/v) Higher: % (v/v)
Viscosity
Vapour pressure
Water solubility Miscible
Additional information

10. STABILITY & REACTIVITY

Stability Stable under normal conditions of handling.
Thermal decomposition
Conditions to avoid
Material to avoid The product may be incompatible with strong oxidising agents.
Hazardous reactions
Hazardous decomposition products
Further information

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD₅₀ rat (oral) mg/kg No data available

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11. TOXICOLOGICAL INFORMATION

Dermal compatibility No data available
Mucous membrane compatibility No data available
Further information

12. ECOLOGICAL INFORMATION

Acute toxicity LC₅₀ Fish < 1.0 mg/l Data for isopropylated phenol
Degradability No data available (It is assumed that biodegradability is < 60% as a precaution.)
Further information Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

13. DISPOSAL CONSIDERATIONS

Advice on disposal In accordance with national and local authority regulations, e.g. special waste or incineration
Contaminated packaging Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

United Nations number Not classified for transport.
Packaging group
IMDG code
RID / ADR
ICAO / IATA
Marine pollutant
Proper shipping name
Emergency action code
Further information

15. REGULATORY INFORMATION

Classification & labelling The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3]

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15. REGULATORY INFORMATION



IRRITANT

Risk phrases	R36/38 R52/53	IRRITATING TO EYES AND SKIN. HARMFUL TO AQUATIC ORGANISMS; MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
Safety phrases	S26 S36 S60	IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. WEAR SUITABLE PROTECTIVE CLOTHING. THIS MATERIAL AND/OR ITS CONTAINER MUST BE DISPOSED OF AS HAZARDOUS WASTE.

16. OTHER INFORMATION

Further information The classification is based on the conventional method and the pH of the product.

Sources of data The Approved Supply List, other suppliers' safety data sheets

Risk phrases referred to in section 2

R22: Harmful if swallowed.
R24/25 Toxic in contact with skin and if swallowed.
R34: Causes burns.
R35: Causes severe burns
R50: Very toxic to aquatic organisms

Date of issue 01-04-2002

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.