

SAFETY DATA SHEET

FURANONE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME FURANONE

PRODUCT NO. 4HDMF

EMERGENCY INFORMATION OUT OF OFFICE HOURS, PLEASE CONTACT CARECHEM 24: +44 (0)1270 502891 OR +44 (0)1865 407333

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2 HAZARDS IDENTIFICATION

HAZARD ID Irritating to eyes and skin.

CLASSIFICATION Xi;R36/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name 4-HYDROXY-2,5-DIMETHYLFU

EC No. FAN-2(3H)-ONE
222-908-8

CAS-No. 3658-77-3

Content 60-100%

Classification Xn;R22.

RISK PHRASES R22

EC No. 222-908-8

GROSS FORMULA C6H8O3

CAS-No. 3658-77-3

4 FIRST-AID MEASURES

INHALATION Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

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

EYE CONTACT Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA Water. Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES Use supplied air respirator if product is involved in a fire.

SPECIFIC HAZARDS Toxic gases/vapours/fumes of Oxides of: Carbon.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS Avoid spilling, skin and eye contact. Avoid spread of dust.

STORAGE PRECAUTIONS Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays.

STORAGE CLASS Store under Nitrogen.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m3.

HAND PROTECTION Use protective gloves. Obtain the appropriate professional advice taking into account of the conditions under which the glove is used.

EYE PROTECTION Wear approved safety goggles.

HYGIENE MEASURES Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Solid

COLOUR White to Yellowish

ODOUR Very distinctive fruity, caramel or burnt pineapple.

SOLUBILITY Slightly soluble in water. Soluble in Ethanol. Organic solvents.

MELTING POINT (°C) ~ 76

10 STABILITY AND REACTIVITY

STABILITY Stable under normal temperature conditions.

CONDITIONS TO AVOID Easily oxidised in air. Avoid heat.

MATERIALS TO AVOID Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS Toxic gases/vapours/fumes of: Oxides of Carbon.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 1608 mg/kg (oral-mouse)

SKIN CONTACT Irritating to skin.

EYE CONTACT Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

UN NO. ROAD 0

ADR CLASS Not classified for transportation.

15 REGULATORY INFORMATION



Irritant

RISK PHRASES

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36 Wear suitable protective clothing.

S24/25 Avoid contact with skin and eyes.

S60 This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

GENERAL INFORMATIONDISCLAIMER: This safety data sheet relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

INFORMATION Material Safety Data Sheet, Misc. manufacturers.

SOURCES REVISION COMMENTS Revision due to amendment of contents in section: 1, 1, 16.

REVISION DATE 04-09

REV. NO./REPL. SDS 007

GENERATED

SDS NO. 10366

RISK PHRASES IN FULL Harmful if swallowed.

