

REC'D JAN 25 1999

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ALC00003

MATERIAL SAFETY DATA SHEET

1H,1H,7H - DODECAFLUORO-1-HEPTANOL
PCR INC.

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Revised 3/06/98
Replaces 12/10/97
Printed 1/20/99

Section I - General Information

PCR Inc.
PO Box 1466
Gainesville, Fl 32602
Phone: 352-376-8246

Emergency Phone: Chemtrec 1-800-424-9300

Chemical Name: 1H,1H,7H-Dodecafluoro-1-heptanol

Trade Name: NA

Chemical Family: Fluoroalcohol

CAS #: 335-99-9

Formula: $H(CF_2)_6CH_2OH$

Molecular Weight: 332.0

PCR Product Number : 16170-3

Section II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS (Specific Chemical ID)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Dodecafluoro-1-heptanol	none	none		100

Section III - Physical/Chemical Characteristics

BOILING POINT: 169 @ 200mm Evaporation Rate(=1) : NA
VAPOR PRESSURE(mm Hg): NA Melting Point: N/A
VAPOR DENSITY (AIR = 1): > 1
SPECIFIC GRAVITY (H2O=1): 1.7616
SOLUBILITY IN WATER: Not determined
APPEARANCE AND ODOR: clear liquid

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): > 212

FLAMMABLE LIMITS: not determined

LEL:

UEL:

EXTINGUISHING MEDIA:

CO2, Dry chemical, Foam

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Section IV - Fire and Explosion Hazard Data (Cont.)

SPECIAL FIRE FIGHTING PROCEDURES:

A self-contained breathing apparatus and full protective clothing should be worn when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

A self-contained breathing apparatus and full protective clothing should be worn when fighting fires.

Section V - Reactivity Data

STABILITY (CHOOSE ONE): () UNSTABLE
(x) STABLE

CONDITIONS TO AVOID: NA

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: HF, CO, CO2

HAZARDOUS (CHOOSE ONE): () MAY OCCUR
POLYMERIZATION (x) WILL NOT OCCUR

CONDITIONS TO AVOID: NA

Section VI - Health Hazard Data

ROUTE(S) OF ENTRY: INHALATION? No SKIN? yes INGESTION? yes

HEALTH HAZARDS (ACUTE AND CHRONIC):

To the best of our knowledge the toxicity of this material has not been determined. May be harmful if inhaled, ingested or by skin absorption.

CARCINOGENICITY: NTP? no IARC MONOGRAPHS? no OSHA REGULATED?no

SIGNS AND SYMPTOMS OF EXPOSURE:

No data available.
May cause irritation to skin and eyes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No data available

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation:
Remove victim to fresh air. If breathing is difficult administer oxygen.
Consult a physician.

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Section VI - Health Hazard Data (Cont.)

Ingestion: Get prompt medical attention

Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes.
Get medical attention.

Skin Contact:
Wash with soap. Flush with water for at least 15 minutes

Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Evacuate area. remove all sources of ignition
Wear protective equipment.
Soak up small spills with absorbent material.
For large spills - dike area around spill. Pump material into
recovery drums.
Ventilate area before allowing reentry.

WASTE DISPOSAL METHOD:

Incinerate in accordance with all regulations

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Avoid skin contact. Avoid breathing vapors. Store in a cool, dry area. Keep
container closed tightly when not in use.

OTHER PRECAUTIONS: NA

Section VIII - Control Measures

RESPIRATORY PROTECTION (SPECIFY TYPE):

OSHA approved combination organic vapor/acid gas cartridge respirator

VENTILATION:

LOCAL EXHAUST:

MECHANICAL (GENERAL): Suggested

SPECIAL:

OTHER:

PROTECTIVE GLOVES:

Rubber or neoprene

EYE PROTECTION:

Safety glasses or chemical splash goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

As required by your company

WORK/HYGIENIC PRACTICES: Wash after handling

The above information is believed to be correct but,
should be used only as a guide. MSDS prepared by: L. Templin