

BVCPL

Best Value Chem Pvt Ltd.

SPECIFICATIONS

MELONAL

CORE TESTS

ODOUR
APPEARANCE
VISUAL COLOR
SPECIFIC GRAVITY D25/25
REFRACTIVE INDEX nD20
ACID VALUE

Ranges

Powerful, green, melon, cucumberlike odour
Clear light viscous liquid
Colourless to pale yellow
0.838 to 0.845
1.435 to 1.445
0.0-1.0 mg KOH/g

GC ANALYSIS ON APPROPRIATE COLUMN

2,6-dimethyl 5-heptenal
6-methyl 5-hepten-2-one

80 % (Min)
15 % (Max)

ADDITIONAL DATA

CHEMICAL NAME
MOLECULAR FORMULA
FLASH POINT
BOILING POINT
STABILIZERS

2,6-Dimethyl 5- heptenal
 $C_9H_{16}O$
60⁰ C/140⁰ F
65⁰ C at 9 mm of Hg
0.05 % α -Tocopherol

SHELF LIFE

24 months with proper storage

STORAGE CONDITIONS

Store in a Cool dry place, tightly sealed container
Keep away from direct sunlight

CAS# 106-72-9

2,6-dimethyl 5-heptenal

ISSUE DATE: January 01, 2007

PREPARED BY: Anil Kale

BEST VALUE CHEM PVT. LTD.

MATERIAL SAFETY DATA SHEET (MSDS)

Product Name: MELONAL

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Name of the commodity : MELONAL
Manufacturing company : BEST VALUE CHEM PVT. LTD.
FACTORY:
PLOT NO.306, Near jaynarayan Cold Storage
Sakarda –Bhadarwa road, Vill-Moxi,
Tal-Savli,Dist:- Baroda.

02. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name : 2,6-dimethyl 5-heptenal
Formula : C₉H₁₆O
Molecular Weight : 140
C.A.S no. : 106-72-9
FEMA No : 2389
EC No : 203-427-2

03. HAZARDS IDENTIFICATION

General : No specific hazard.
Hazard symbol : Not required.
Environment : On spillage it can contaminate soil,ground
& surface water.

04. FIRST AID MEASURES

On inhalation : Move the person to fresh air and keep at
rest. Obtain medical advice if found
necessary.
Eye exposure : Wash immediately with plenty of water for
at least 10 minutes. Contact physician if
symptoms persist.

Msd:-Melonal

- On skin exposure : Wash with sufficient quantity of water(or soap solution & water). On irritation remove contaminated cloth.
- On ingestion : Rinse mouth with plenty of water and get medical advice.

05. FIRE FIGHTING MEASURES

Avoid inhalation of fumes evolved in a fire.

Use self-contained breathing apparatus when fire fighting.

Extinguish with sand, earth, water spray, carbon dioxide or powder extinguisher.

Do not use water jet.

If containers become heated, over pressure with release of combustible material and even explosion may occur. To avoid this, they should be kept cool by spraying with water from a safe distance.

06. ACCIDENTAL RELEASE MEASURES

Inhalation of high-odour materials may cause discomfort or nausea and should be avoided by providing good ventilation during containment and disposal.

In case of impossibility of this and when particularly when substances having exposure standards are present the use of an organic vapour respirator is recommended.

Remove ignition sources and provide proper ventillation.

Wash the affected area with detergent and water.

Comply with local regulations for waste disposal.

07. HANDLING AND STORAGE

Handling : Materials should be handled according to principles of Good Manufacturing Practice. Avoid ingestion and inhalation of the neat material. Practice handling and personal washing routine to minimise personal exposure to the product.

Storage : Store in a cool, dry place, tightly sealed containers protected from light. Keep away from possible sources of ignition. Ensure adequate air circulation and fume extraction in storage and working areas.

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08. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection	:	Not normally necessary when handling at ambient temperatures.
Hand Protection	:	Wear PVC gloves.
Eye Protection	:	Minimum protection is recommended. (For e.g. safety glasses)
Skin Protection	:	Usually above alls are sufficient.

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Clear Colourless to pale yellow liquid. viscous liquid
Odour	:	powerful,Green,Melon, Cucumber-like Odour.
Physical State (change)	:	Boiling Point (BP)- 65°C at 9mm of Hg
Flash Point	:	60°C/140 °F
Flammability	:	2
Vapor Pressure	:	0.4 mm Hg @ 20°C
Vapor density	:	> 1
Autoflammability	:	Not determined
Explosive Properties	:	Will not explode
Oxidizing Properties	:	Not an oxidizer
Relative Density	:	D (at 25/25)- 0.838-0.845
Refractive Index	:	N (at 25/25)- 1.435 - 1.445
Solubility in water	:	Insoluble

10. STABILITY AND REACTIVITY

Thermal Decomposition	:	Carbon dioxide, carbon monoxide.
Auto-oxidation	:	Not applicable

11. TOXICOLOGICAL INFORMATION

LD ₅₀ oral	:	> 5 g/kg
LD ₅₀ dermal	:	> 5g/kg

12. ECOLOGICAL INFORMATION

Non dangerous to the environment.

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13. DISPOSAL CONSIDERATION

Comply with local regulations for the waste disposal.

Empty containers of liquid should be washed thoroughly with detergent before being send for reconditioning or disposal.

The washing should be treated as trade effluent or special waste as appropriate.

14. TRANSPORT INFORMATION

Not classiifed as hazardous under transport regulation.

15. REGULATORY INFORMATION

Hazard symbol : None required

Risk phrases : None required

Safety phrases : None required

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and experience. In view of many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments. Neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.