



JAYSHREE AROMATICS PVT LTD

(100% EOU)

(Manufacturers of Aromatics & Fine Chemicals)

PLOT NO.: 4705/1/3, G.I.D.C., ANKLESHWAR- 393 002,

DI5T. BHARUCH, (GUJARAT) INDIA

* PHONE: 91-2646-224211, * FAX: 91-2646-252718

E-mail: info@jayshreeind.com

Website: www.jayshreeind.com

PRODUCT INFORMATION CINNAMIC ALDEHYDE

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

Product Name: - CINNAMIC ALDEHYDE

Chemical Name of Active Ingredient(s) :-
3 PHENYL-2PROPENAL, CINNAMAL.

Manufacturer : Jayshree Aromatics Pvt Ltd
,plot no..4705/1/3 GIDC Estate, Ankleshwar-393002.
District Bharuch . Gujarat.
Phone no. 91-2646-22411
Fax- 91-2646-252718
Email : info@jayshreeind.com

Emergency Telephone number:-
Ankleshwar-91-2646-224211
Cell phone -09825031954

2.0 PRODUCT IDENTIFICATION & COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: -
2-Propenal, 3-phenyl-
3-Phenyl-2-propenal
Cinnamal
Cinnamaldehyde
Cinnamic aldehyde
2-07-00-00273 (Beilstein Handbook Reference)
2-Propenal, 3-phenyl-
3-Fenylpropenal
3-Fenylpropenal [Czech]
3-Phenyl-2-propen-1-al
3-Phenyl-2-propenal
3-Phenyl-2-propenaldehyde
3-Phenylacrolein
3-Phenylacrylaldehyde
3-Phenylpropenal
AI3-00473
Abion CA
Acrolein, 3-phenyl-

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance :- Pale yellow to Yellowish liquid

Occurrence in nature:-However ,it is a Synthesized chemical

Odor description: - sweet aromatic spicy, strongly cinnamic & cassia-like, balsamic. Good tenacity and lasting sweetness.

Flavor: - cinnamon... Sweet and warm-spicy taste with little or no pungency at normal use level.

Solubility:- 1:3 in 70% Alcohol

Relative Density@25°C:- 1.046~1.051

Refractive Index@20°C :- 1.6180~1.6230

Halogen Content:- free

% volatile by volume:- 100%

Aldehyde Content:-Not less than 98.5%

Typical Purity(GC) :- Not less than 98.5%
Sum of isomers

Acid Value:- Not more than 5

Boiling point:- 248°C Atmospheric

Melting Point:- -7.5

Vapor density (Air=1) :- 4.56

Flash Point:-> 71°C

Aldehyd skoricovy
Aldehyd skoricovy [Czech]
BRN 0605737
Benzylideneacetaldehyde
CCRIS 6222
Cassia aldehyde
Caswell No. 221A
Cinnamal
Cinnamaldehyde
Cinnamic aldehyde
Cinnamic aldehyde (natural)
Cinnamyl aldehyde
Cinnamylaldehyde
Cinnemaldehyde
EPA Pesticide Chemical Code 040506
HSDB 209
Hefty Dog and Cat Repellent
NCI-C56111
NSC 16935
Phenylacrolein
UNII-SR60A3XG0F
Zimtaldehyde
beta-Phenylcrolein
trans-Cinnamaldehyde
(E)-3-Phenylprop-2-enal

CAS No. 104-55-2

Molecular wt :- 132.16

FEMA No. :- 2286

EINECS :- 203-213-9

CoE :- 102

JECFA NO :- 656

FL.NUMBER :- 05.014

USA Food & Drug Act Title 21 CFR Paragraph
:182.60

Chemical Formula :- C_9H_8O

HS No. :- 2912 29 1000

NIH PubChem CID : 637511

Beilstein Number/ /Gmelin 605737

RTECS : GD6475000

4.0 OTHER INFORMATION

Standard Packing size:-5.0 kgs,35 kgs &220kgs

Packing material compatibility details:-

Compatible with Good HDPE, Galvanized Iron drums, HDPE Carbouys, Aluminium Cans. Composite drums

Head Space:-As low as possible

Product Use: - Used in perfumery as a sweetener and powerful spicy ingredient in low-cost fragrances fragrances mainly for household products, in masking ODOURS, and in detergents and soaps where discoloration is not visible. Trace amounts are Used as a warm-spicy and sweet note in floral Balsamic fragrance types, heavy floral and oriental fragrance types? It introduces interesting Notes when used discretely in Rose, Hyacinth or in woody fragrances, etc.

Cinnamaldehyde is used in some perfumes of natural, sweet, or fruity scents. Almond, apricot, butterscotch, and other aromas may partially employ the compound for their pleasant smells

Also used as rubber reinforcing agent.

Extensively used in flavor compositions. Part of the classic "Sen-Sen" flavor, it has later entered mouth-wash, dentifrice and candy favors in the shape of many different flavor types; Spice, Cinnamon, Cola, Mint, etc. and it forms a minor component of many Apple, Cherry, Cream Soda, Liquor, Nut, Pecan, Vanilla, etc. for soft drinks, candy, chewing Gum, etc...

The extensive use for is as a flavoring. Concentrations required for flavoring food items like chewing gum, candy, ice cream, and beverages range from 9 to 4900 ppm (that is, less than 0.5%).

Cinnamaldehyde can be used as a food adulterant; powdered beechnut husk aromatized with cinnamaldehyde can be marketed as powdered cinnamon.

Cinnamaldehyde is also used as a fungicide

Tenacity:->100 HRS

Use Level:- fragrance up to 6%
Flavours up to 2000 PPM

Stability: - Keep in tightly closed container in a cool and dry place, protected from light.

When stored for more than 12 months quality should be checked before use

UN (DOT) : 2810

MERCK : 12,2356

EPA OPP : 202000

Swiss Giftliste 1 : G-3134

BEILSTEIN REFERENCE 2-07-00-00273

CANADA DSL/NDL DSL

US TSCA Listed

MDL number: MFCD00007000

PubChem Substance ID 24900953

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

_KOREA ECL Listed

PHILIPPIENS PICCS Listed

FOOD CHEMICALS CODEX LISTED yes

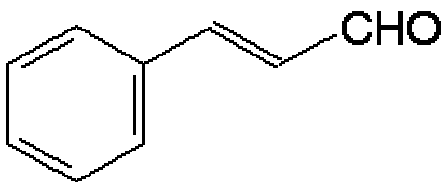
logP (o/w) : 1.90

WGK Germany: 3

WHMIS (Canada):

CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).

JAPL CODE OF PRODUCT : C0002



PH 1	-	ANTIPERSPIRANT	+
PH 2	+	FABRIC SOFTENER	+
PH 3	+	ALCOHOLIC LOTION	++
PH 4	++	HAND CREAM	++
PH 5	++	LIQUID DETERGENT	++
PH 6	++	SHAMPOO	+
PH 7	++	AEROSOL	++
PH 8	++	FOAM BATH	++
PH 9	++	BLEACHING AGENT	-
PH 10	++	TALCUM	++
PH 11	+	SOAP	++
PH 12	-	HARD SURFACE CLEANER	++
ACID CLEANER LIQUID	-	DETERGENT (+TAED)	-
ACID CLEANER SOLID	-	DETERGENT PERBORATE	+
TILE CLEANER	-	SOFTENING AGENT	++
CREAM RINSE	++	COLD WAVE	-
DEO STICK	++		

Also level of metals as follows

Copper <30ppm

Arsenic <1.1 ppm

Tin <250ppm

Zinc <50ppm

Cadmium <1 ppm

Mercury 1 PPM

Lead <2.5 PPM

Methyl Mercury calculated as element <0.25 ppm