



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

BENZALDEHYDE

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

Product Name:- BENZALDEHYDE

Chemical Name of Active Ingredient(s) :-
PHENYL METHANAL

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 :-

Artificial almond oil
Benzaldehyde
Benzaldehyde [USAN]
A13-09931
Almond artificial essential oil
Artificial almond oil
Artificial essential oil of almond
Benzaldehyde
Benzaldehyde (natural)
Benzaldehyde FFC
Benzene carbaldehyde
Benzene carboxaldehyde
Benzenecarbonal
Benzenecarboxaldehyde
Benzenemethylal
Benzoic aldehyde
Bitter almond oil, synthetic

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance: - Clear Colorless Liquid...

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

Odor description: - strong sharp sweet bitter almond cherry

Flavor: Burning, but sweet taste in proper dilution

Solubility:- 1:3 in 80% Alcohol

Relative Density@20°C:- 1.040~1.047

Refractive Index@20°C :- 1.5440~1.5460

Halogen Content:- free

% volatile by volume:- 100%

Aldehyde Content:-Not less than 99.5%

Typical Purity(GC) :- Not less than 99.5%.

Acid Value:- Not more than 3

Boiling point:- 179°C Atmospheric

Melting Point:- -26 °C

Vapor density (Air=1) :-3.66

Flash Point:-> 64°C

CCRIS 2376

Caswell No. 076

EPA Pesticide Chemical Code 008601

HSDB 388

NCI-C56133

NSC 7917

Oil Of bitter almond

Phenylmethanal

Synthetic oil of bitter almond

UNII-TA269SD04T

Benzaldehyde [UN1990] [Class 9]

UN1990

Benzoyl hydride,

Amandol,

Amandiol ,

CAS No. 100-52-7

Molecular wt :- 106.12

FEMA No. :- 2127

EINECS :- 202-860-4

CoE :- 101

USA Food & Drug Act Title 21 CFR Paragraph 182.6

JECFA number 22

FL Number 05.013

Chemical Formula :- C₇H₆O

HS No. :- 2912 21 0000

Beilstein Number/ /Gmelin 471223

MDL number: MFCD00003299

PubChem Substance ID 24900864

RTECS : CU4375000

EC Index Number: 605-012-00-5

WHMIS (Canada): CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

MERCK : 13,1057

UN (DOT) : 1990

EPA OPP : 8601

4.0 OTHER INFORMATION

Standard Packing size:-5.0 kgs,35 kgs &220kgs
1050 Kgs

Packing material compatibility details:-

Compatible with MS ,lacquered line,
Good HDPE, Galvanized
Iron drums, HDPE Carbouys, Aluminium Cans.

Head Space:-As low as possible

Product Use: - Sometimes used in perfumery for special top note effects, and as a trace component in certain floral compositions (Lilac, Sweet Pea, Etc.).

Extensively used in flavor compositions, not only in "Almond" flavors, but also in imitation Berry, Butter, Apricot, Brandy, Cherry, Coconut, Liquor, Peach, Plum, Pecan,Pistacio, Rum, Spice, Vanilla, etc. It forms the major if not the only flavor component in "Marcipan "candy (ground sweet Almond kernels with a few bitter Almond kernels in).

Chemical intermediate for dyes, odorants, aromatic alcohols, pharmaceuticals, pesticides; paints; solvent for oils, resins, cellulose acetate and nitrate; mfg. of Cinnamic acid, benzoic acid, photographic chemicals; plastics additive; solvent in cosmetics;

Tenacity:->4 HRS

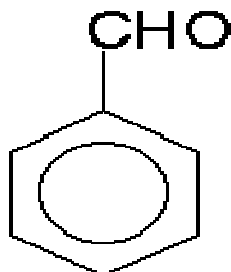
Use Level:- fragrance up to 8 %
Flavours up to 840 PPM

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...

BEILSTEIN REFERENCE

4-07-00-00505

NIH PubChem CID : 240**CANADA DSL/NDL** DSL**US TSCA** Listed**AUSTRALIA AICS** Listed**NEW ZEALAND** Listed**JAPAN ENCS (MITI)** Listed**KOREA ECL** Listed**PHILIPPIENS PICCS** Listed**FOOD CHEMICALS CODEX LISTED** yes**logP (o/w)** : 1.48**WGK Germany** : 1**Swiss Giftliste 1** : G-1218

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 <1.5 ppm

Mercury 1 PPM

Lead <2.5 PPM

Methyl Mercury calculated as element <0.25 ppm