MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: Identification

1.1 Product identifiers

Product Name : **Isoamyl Benzoate**

CAS No. : 94-46-2

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended uses : Laboratory chemicals

Uses advised against: Food, drug, pesticide or biocidal product use.

1.3 Details of the supplier of the safety data sheet

Company : Krishna Solvechem Limited.
B/503, Sahayog, S. V. Road,
Kandivali (West), Mumbai – 400067. India.

Telephone : +91-22-6123 0222

Email : exports@kscl.co.in

1.4 Emergency telephone number

Emergency Phone : +91-8657457330

SECTION 2: Hazards identification

2.1 Classification

Not a hazardous substance or mixture

2.2 Label elements

Pictogram :

Signal word None

Hazard statement (s) Not a hazard substance or mixture

Precautionary statement (s) Not a hazard substance or mixture

2.3 HNOC (Hazards not otherwise classified or not covered by GHS

None

SECTION 3: Composition / information on ingredients

3.1

Component	CAS-No	Molecular Weight
Isopentyl benzoate	94-46-2	192.25 g/mol

SECTION 4: First aid measures

4.1 Description of first aid measures

General Advice:	Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhalation :	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
In case of skin contact :	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
In case of eye contact :	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion :	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects : See section 2.2 and or section 11

4.3 Notes to Physician : Treat symptomatically

SECTION 5: Firefighting effects

5.1 Extinguishing media

Suitable extinguishing media For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

Unsuitable Extinguishing Media: : No information available

5.2 Flash Point : >110 °C

Method : Closed cup

	Autoignition Temperature:	No information available
	Explosion Limits:	
	Upper	No data available
	Lower	No data available
	Sensitivity to Mechanical Impact	No information available
	Sensitivity to Static Discharge	No information available
	Specific Hazards Arising from the Chemical :	Carbon oxides
5.4	**Advice for fighters :**	Wear self contained breathing apparatus for firefighting if Necessary
5.5	**Further Information :**	Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment as required. Remove all sources of ignition. Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage. Discharge into the environment must be avoided. Do not allow to enter drains or sewage system.

6.3 Methods and materials for containment and cleaning up

Contain spillage and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to the local regulations(see section 13)

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition – no smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see section 2.2.

7.2	**Conditions for safe storage**
	Store in a cool place. Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
7.3	**Specific End Use(s)** Flavorings

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Engineering Measures

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the workday.

8.2 Exposure controls

Personal protective equipment -

Eye / Face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin protection

Handle with gloves. Gloves should be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose off contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Impervious clothing, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN(EU).

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	Colorless, clear oily liquid
b) Odour	Sweet, aromatic, fruity
c) Odour Threshold	No information available
d) pH	No information available
e) Melting point / freezing point	No information available
f) Initial boiling point and	262 °C

boiling range	
g) Flash point	>110°C closed cup
h) Evaporation rate	No information available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	0.985 – 0.995 @ 25 °C
n) Solubility	Insoluble in water
o) Partition coefficient: n octanol/water	No data available
p) Auto-ignition temperature	No information available
q) Decomposition temperature	> 108°C.
r) Viscosity	No information available

SECTION 10: Stability and Reactivity

10.1	**Reactive Hazard :**	None known, based on information available
10.2	**Chemical stability :**	Stable under normal conditions.
10.3	**Possibility of hazardous reactions :**	None under normal processing.
10.4	**Conditions to avoid :**	No data available
10.5	**Incompatible materials:**	No data available
10.6	**Hazardous decomposition products :**	No data available
10.7	**Hazardous Polymerization**	No data available

SECTION 11: Toxicological information

11.1
Information on toxicological effects

Acute toxicity:

LC50 Inhalation	No data available
LD50 Oral	Rat – 6,330 mg/kg
LD50 Dermal	Rabbit - > 5,000 mg/kg
Kin corrosion/irritation	Rabbit Result: mild skin irritation – 24 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation : No information available

Sensitization: No information available

Carcinogenicity : The table below indicates whether each agency ha Any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
isoamyl benzoate	94-46-2	Not listed	Not listed	Not listed	Not listed	Not listed

Mutagenic Effects:	No information available.
Reproductive Effects:	No information available.
Developmental Effects :	No information available.
Teratogenicity:	No information available.
STOT - single exposure :	None known
STOT - repeated exposure:	None known
Aspiration hazard :	No information available.
Symptoms / effects,both acute and delayed:	Gastrointestinal disturbance, Nausea, Headache, Vomiting
Endocrine Disruptor Information :	No information available
Other Adverse Effects :	The toxicological properties have not been fully investigated.

SECTION 12: Ecological information

12.1 Ecotoxicity:	No data available
12.2 Persistence and degradability:	No data available
Bioaccumulation/ Accumulation	No information available
12.3 Mobility:	No data available
12.4 Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/ not conducted

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Product : According to local regulations

Packaging : According to local regulations

SECTION 14: Transport information

14.1 DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

SECTION 15: Regulatory information

15.1 SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313
SARA 311/312 Hazards	No SARA Hazards
Massachusetts Right to know components	No components are subject to the Massachusetts Right to know Act
California Prop. 65 components	This product does not contain any chemical known to the state of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

16.1 HMIS Rating

Health hazard	0
Chronic health hazard	*
Flammability	0
Physical Hazard	0

16.2 Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information 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, unless specified in the text.