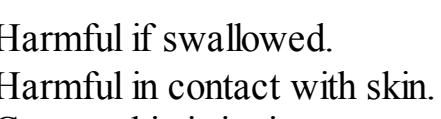


1.	IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1	Product identifiers	
	Product name	: 3-Benzylphenyl isocyanate
	CAS-No.	: 480439-07-4
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Identified uses	: Laboratory chemicals, Manufacture of substances
2.	HAZARDS IDENTIFICATION	
2.1	Classification of the substance or mixture	
	Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]	
	Acute toxicity, Oral (Category 4)	
	Acute toxicity, Inhalation (Category 4)	
	Acute toxicity, Dermal (Category 4)	
	Skin irritation (Category 2)	
	Eye irritation (Category 2)	
	Respiratory sensitization (Category 1)	
	Specific target organ toxicity - single exposure (Category 3)	
	Classification according to EU Directives 67/548/EEC or 1999/45/EC	
	Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.	
2.2	Label elements	
	Labelling according Regulation (EC) No 1272/2008 [CLP]	
	Pictogram	
	Signal word	Danger
	Hazard statement(s)	
	H302	Harmful if swallowed.
	H312	Harmful in contact with skin.
	H315	Causes skin irritation.
	H319	Causes serious eye irritation.
	H332	Harmful if inhaled.
	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
	H335	May cause respiratory irritation.
	Precautionary statement(s)	
	P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
	P280	Wear protective gloves/ protective clothing.
	P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.
	Supplemental Hazard Statements	none
	According to European Directive 67/548/EEC as amended.	
	Hazard symbol(s)	
	R-phrases(s)	
	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
	R36/37/38	Irritating to eyes, respiratory system and skin.
	S-phrases(s)	
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36	Wear suitable protective clothing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Substances	
	Synonyms	: 3'-Benzylphenyl isocyanate 3'-Isocyanatodiphenylmethane
	Formula	: C14H11NO
	Molecular Weight	: 209,24 g/mol
	Component	Concentration
	3-Benzylphenyl isocyanate	
	CAS-No.	480439-07-4
		-

4. FIRST AID MEASURES

4.1	Description of first aid measures	
	General advice Consult a physician. Show this safety data sheet to the doctor in attendance.	
	If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.	
	In case of skin contact Wash off with soap and plenty of water. Consult a physician.	
	In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.	
	If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.	
4.2	Most important symptoms and effects, both acute and delayed burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting	
4.3	Indication of any immediate medical attention and special treatment needed no data available	

5. FIRE-FIGHTING MEASURES

5.1	Extinguishing media	
	Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
5.2	Special hazards arising from the substance or mixture Carbon oxides, nitrogen oxides (NOx)	
5.3	Advice for firefighters Wear self contained breathing apparatus for fire fighting if necessary.	
5.4	Further information no data available	

6. ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.	
6.2	Environmental precautions Do not let product enter drains.	
6.3	Methods and materials for containment and cleaning up Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.	
6.4	Reference to other sections For disposal see section 13.	

7. HANDLING AND STORAGE

7.1	Precautions for safe handling Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.	
7.2	Conditions for safe storage, including any incompatibilities Store in 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. Recommended storage temperature: 2 - 8 °C Store under inert gas. Moisture sensitive.	
7.3	Specific end uses no data available	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	
	Components with workplace control parameters	
8.2	Exposure controls	
	Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.	
	Personal protective equipment	
	Eye/face protection Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).	
	Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.	
	Body Protection Complete suit protecting against chemicals, 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 multi-purpose 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).	

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
a)	Appearance	Form: liquid Colour: colourless
b)	Odour	no data available
c)	Odour Threshold	no data available
d)	pH	no data available
e)	Melting point/freezing point	no data available
f)	Initial boiling point and boiling range	no data available
g)	Flash point	110 °C - closed cup
h)	Evaporation rate	no data available
i)	Flammability (solid, gas)	no data available
j)	Upper/lower flammability or explosive limits	no data available
k)	Vapour pressure	no data available
l)	Vapour density	no data available
m)	Relative density	1,106 g/cm3 at 25 °C
n)	Water solubility	no data available
o)	Partition coefficient: n-octanol/water	no data available
p)	Autoignition temperature	no data available
q)	Decomposition temperature	no data available
r)	Viscosity	no data available
s)	Explosive properties	no data available
t)	Oxidizing properties	no data available

9.2	Other safety information no data available	
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10. STABILITY AND REACTIVITY

10.1	Reactivity no data available	
10.2	Chemical stability no data available	
10.3	Possibility of hazardous reactions no data available	
10.4	Conditions to avoid Avoid moisture.	
10.5	Incompatible materials Strong oxidizing agents	
10.6	Hazardous decomposition products Other decomposition products - no data available	

11. TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
	Acute toxicity no data available	
	Skin corrosion/irritation no data available	
	Serious eye damage/eye irritation no data available	
	Respiratory or skin sensitization May cause allergic respiratory reaction.	
	Germ cell mutagenicity no data available	
	Carcinogenicity	
	IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
	Reproductive toxicity no data available	
	Specific target organ toxicity - single exposure Inhalation - May cause respiratory irritation.	
	Specific target organ toxicity - repeated exposure no data available	
	Aspiration hazard no data available	
	Potential health effects	
	Inhalation	Harmful if inhaled. Causes respiratory tract irritation.
	Ingestion	Harmful if swallowed.
	Skin	Harmful if absorbed through skin. Causes skin irritation.
	Eyes	Causes serious eye irritation.
	Signs and Symptoms of Exposure burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting	
	Additional Information RTECS: Not available	

12. ECOLOGICAL INFORMATION

12.1	Toxicity no data available	
12.2	Persistence and degradability no data available	
12.3	Bioaccumulative potential no data available	
12.4	Mobility in soil no data available	
12.5	Results of PBT and vPvB assessment no data available	
12.6	Other adverse effects no data available	

13. DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	
	Product Offer surplus and non-recyclable solutions to a licensed disposal company.	
	Contaminated packaging Dispose of as unused product.	

14. TRANSPORT INFORMATION

14.1	UN number	
	ADR/RID: -	IMDG: - IATA: -
14.2	UN proper shipping name	
	ADR/RID: Not dangerous goods	
	IMDG: Not dangerous goods	
	IATA: Not dangerous goods	
14.3	Transport hazard class(es)	
	ADR/RID: -	IMDG: - IATA: -
14.4	Packaging group	
	ADR/RID: -	IMDG: - IATA: -
14.5	Environmental hazards	
	ADR/RID: no	IMDG Marine pollutant: no IATA: no
14.6	Special precautions for user no data available	

15. REGULATORY INFORMATION

	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.	
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture no data available	
15.2	Chemical Safety Assessment no data available	

16. OTHER INFORMATION

Further information		For R&D use only. Not for drug, household or other uses.
		WARRANTY: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.
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