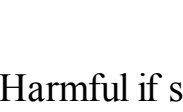


IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING			
Product identifiers			
Product name		:	Beta-Bromocumene
CAS-No.		:	1459-00-3
1.2 Relevant identified uses of the substance or mixture and uses advised against			
Identified uses		:	Laboratory chemicals, Manufacture of substances
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)			
Respiratory sensitization (Category 1)			
Classification according to EU Directives 67/548/EEC or 1999/45/EC			
Harmful if swallowed. May cause sensitization by skin contact.			
2.2 Label elements			
Labelling according Regulation (EC) No 1272/2008 [CLP]			
Pictogram			
Signal word		Danger	
Hazard statement(s)			
H302		Harmful if swallowed.	
H334		May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
Precautionary statement(s)			
P261		Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.	
P342 + P311		If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.	
Supplemental Hazard Statements		none	
May produce an allergic reaction.			
According to European Directive 67/548/EEC as amended.			
Hazard symbol(s)			
R-phrases(s)			
R22		Harmful if swallowed.	
R43		May cause sensitization by skin contact.	
S-phrases(s)			
S36/37		Wear suitable protective clothing and gloves.	
2.3 Other hazards - none			
3. COMPOSITION/INFORMATION ON INGREDIENTS			
3.1 Substances			
Formula		:	C9H11Br
Molecular Weight		:	199,09 g/mol
Component			Concentration
β -Bromocumene			
CAS-No.		1459-00-3	
EC-No.		215-948-2	-
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			
Flush eyes with water as a precaution.			
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			
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.			
4.3 Indication of 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, Hydrogen bromide gas			
5.3 Precautions for fire-fighters			
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. Normal measures for preventive fire protection.			
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.			
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	
b)	Odour	no data available	
c)	Odour Threshold	no data available	
d)	pH	no data available	
e)	Melting/freezing point	no data available	
f)	Initial boiling point and boiling range	no data available	
g)	Flash point	no data available	
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	no data available	
n)	Water solubility	no data available	
o)	Partition coefficient: n-octanol/water	log Pow: 3,781	
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			
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			
no data available			
10.5 Incompatible materials			
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 sensitization by inhalation.			
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			
no data available			
Specific target organ toxicity - repeated exposure			
no data available			
Aspiration hazard			
no data available			
Potential health effects			
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.		
Ingestion	Harmful if swallowed.		
Skin	May be harmful if absorbed through skin. May cause skin irritation.		
Eyes	May cause eye irritation.		
Signs and Symptoms of Exposure			
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.			
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. Contact a licensed professional waste disposal service to dispose of this material.			
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 users			
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			
used only as a guide. The information in this document is based on the			
knowledge and is applicable to the product with regard to appropriate safe			
not represent any guarantee of the properties of the product. Lookchem sh			
for any damage resulting from handling or from contact with the above pro			
of invoice or packing slip for additional terms and conditions of sale.			